

December 1977

# Radiology

*a monthly journal devoted to  
clinical radiology and allied sciences*



*owned and published as its official journal by*

THE RADIOLOGICAL SOCIETY OF NORTH AMERICA

**Part II**





# ***Radiology***

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**January–December 1977**

**Volumes 122–125**



**RADIOLOGICAL SOCIETY OF NORTH AMERICA, INC.**

Fifteenth Floor, One Mony Plaza, Syracuse, N. Y. 13202

**1977**

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Printed in the United States of America

RADIOLOGY continues to index the papers published in the American Journal of Roentgenology, Radiologic Clinics of North America, Seminars in Nuclear Medicine, and Seminars in Roentgenology, but since January 1977 no longer publishes the titles in the Abstract Section of the monthly issues.

Index entries for these four publications will carry the following code designations. Volume and page numbers refer directly to the particular publication cited.

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SR—Seminars in Roentgenology

During 1978, a Cumulative Index (VIII) to RADIOLOGY covering volumes 106–125 (1973–1977) will be published. Copies may be obtained from Radiological Society of North America, Inc., Oak Brook Regency Towers, Suite 1150, 1415 West 22nd St., Oak Brook, Ill. 60521.



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—; Tronze, Jorge E.; Riccitelli, Miguel A.; Villamayor, Rosa Maria; Zuffardi, Ezio: natural history of unstable angina with medical or surgical therapy (ab), 123: 252, 1977
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- ; Niwiyama, Gen; Naderi, Mohammad J.; Brahme, Folke J.; Jones, Timothy A.; Goldberger, Lawrence E.: angiographic aspects of experimental nonocclusive intestinal ischemic injury (AJR), 128: 923, 1977
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- ; Ambos, Marjorie A.; Madayag, Manuel A.; Lefleur, Richard S.; Casarella, William J.: epinephrine-enhanced renal angiography in renal mass lesions: is it worth performing? (AJR), 129: 647, 1977
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- Botnick, Leslie E.**
- ; Goodman, Robert; Jaffe, Norman; Filler, Robert M.; Cassidy, J. Robert: stages I-III Hodgkin's disease in children: results of staging and treatment (ab), 124: 578, 1977
- Bottger, E.**
- ; Hummel, A.; Brands, W.; Ochenschlager, A.: angiogram of arteriovenous fistulae (ab), 125: 567, 1977
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- ; Cloutier, R.; Archambault, H.: gastric duplication (ab), 124: 276, 1977
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- ; Brigham, Kenneth L.; Owen, Patty Jill: salicylate pulmonary edema: mechanism in sheep and review of the clinical literature (ab), 124: 274, 1977
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- ; Simon, R. S.; Heidsieck, C. H.: angiographically verified transient alteration of the intracranial arteries and veins in dependence on different CO<sub>2</sub> tensions (ab), 125: 847, 1977
- ; Simon, R. S.; Bunte, M.; Stellmach, R.: angiography in vascular malformations of the face (AJR), 129: 469, 1977
- ; Simon, R. S.; Fiegler, W.; Schneider, H.: radioanatomical study of the choroid plexus of the fourth ventricle (ab), 124: 270, 1977
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- ; Fletcler, Gilbert H.; Levitt, Seymour H.: cancer of the breast: role of radiation therapy after mastectomy (ab), 125: 574, 1977
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- ; Schindler, E.; Moeller, J. F.; Polsky, M.; Sheldon: renal phlebography: aid in the diagnosis of the absent or non-functioning kidney (ab), 123: 256, 1977
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- Branan, Richard**
- ; Wilson, Charles B.: arachnoid granulations simulating osteolytic lesions of the calvarium (AJR), 127: 523, 1976
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- ; Pedegana, L. R.; Lippert, F. G.: instability of the subtalar joint: diagnosis by stress tomography in three cases (ab), 125: 283, 1977
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- ; Durant, John R.; Green, Lawrence E.: accuracy of retroperitoneal ultrasonography in Hodgkin's disease and non-Hodgkin's lymphoma, 125: 485, 1977
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- ; Naidich, Thomas P.; Leeds, Norman E.; Koslow, Maxim; Zimmerman, Harry M.; Chase, Norman E.: dense intracranial epidermoid tumors: computed tomographic observations, 122: 717, 1977
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- ; Tournade, A.; Ammerich, H.: transverse anastomoses of the veins of the base of the brain (ab), 124: 564, 1977
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- ; Young, C. M. A.; Hopewell, J. W.; Wiernik, G.: effects of varied numbers of dose fractions on the tolerance of normal human skin (ab), 122: 572, 1977

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 —; Hill, Richard P.; Baron, Scott: benign ulceration of the cecum, 122: 323, 1977  
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 —; Neff, James R.; Tillema, David A.: unusual scapular stress fracture (AJR), 129: 519, 1977  
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 —; Genant, Harry K.; Hattner, Robert S.; Orloff, Sheldon; Potter, Donald E.: multiple brown tumors in a patient with chronic renal failure and secondary hyperparathyroidism (AJR), 128: 131, 1977  
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 —; Kline, Joyce C.; Davis, Jr., Hugh L.; Ramirez, Guillermo; Carr, William F.: stage III ovarian carcinoma: treatment and results: comparison of multiple drugs, a single drug, and irradiation, 122: 469, 1977  
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 —; Hemsted, E. H.; Kremer, J. K.: pattern of spread and survival in 596 cases of breast cancer related to clinical staging and histologic grade (ab), 122: 275, 1977  
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 —; Acker, James J.; Blake, Hu A.: non-rheumatic acute mitral insufficiency caused by ruptured chordae tendinae (ab), 122: 852, 1977  
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 —; Nielbo, Niels: percutaneous transhepatic cholangiography with selective catheterization of the common bile duct (AJR), 127: 409, 1976  
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 —; Harwood-Nash, Derek C.; Barry, Jonathan F.; Fitz, Charles R.; Boldt, David W.: coronal computed tomography of the skull and brain in infants and children. part II: clinical value, 124: 710, 1977  
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 —; Fitzgerald, Joseph F.; Northway, James D.; Anand, Sudhir K.; Scott, John R.: unusual manifestations of Henoch-Scholein syndrome (ab), 124: 569, 1977  
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 coronary heart disease: clinical, angiographic, and pathologic profiles (bk rev), 125: 316, 1977  
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—; Silber, I.: hyperreninemic hypertension in infant secondary to pelviureteric obstruction treated successfully by surgery (ab), 123: 828, 1977

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—; Pay, Norman T.; Newall, Joseph; Farina, Anthony T.; Kricheff, Irvin I.; Cooper, Jay S.: computerized (axial) tomography in the serial study of cerebral tumors treated by radiation: preliminary report (ab), 123: 248, 1977

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—; Goldstein, Harvey M.; Zornoza, Jesus; Dodd, Gerald D.: radiologic manifestations of oesophageal lymphoma (AJR), 128: 751, 1977

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—; Amplatz, Kurt: angiography of the liver in lymphoma, 122: 679, 1977

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—; Amplatz, Kurt: intrathoracic goiter as a cause of superior vena cava obstruction (ab), 124: 567, 1977

—; Tadavarthi, S. Jurthy; Murphy, William; Beranek, Ivo; Amplatz, Kurt: nonsurgical closure of large arteriovenous fistulas (ab), 125: 567, 1977

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—; Sheff, Robert; Harrington, Donald P.; Kaufman, Stephen L.; Barth, Klemens H.; Maddrey, Willis C.; White, Jr., Robert L.: hepatic venography and wedge hepatic vein pressure measurements in diffuse liver disease (AJR), 129: 441, 1977

—; Kaufman, Stephen L.; White, Jr., Robert L.: vasopressin control of massive hemorrhage in chronic ulcerative colitis (AJR), 127: 672, 1976

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—; Guaguere, A.; Wallaert, C.: value of arterial phase urography in the radiologic assessment of arterial hypertension (ab), 124: 574, 1977

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—; Kaitila, Ilkka; Rimoin, David L.; Steihm, E. Richard: chondro-osseous dysplasia of adenosine deaminase deficiency with severe combined immunodeficiency (ab), 124: 278, 1977

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—; Hopfan, Seymour; Wittes, Robert: esophageal complications in the treatment of oat cell carcinoma with combined irradiation and chemotherapy, 123: 185, 1977

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—; Wollner, Norma; Exelby, Philip P.; Clark, D.; D'Angio, Giulio J.: patterns of extension as a guide to radiation therapy in management of ovarian neoplasms in children (ab), 122: 863, 1977

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—; Berk, Robert N.; Golden, Gerald T.: misleading pneumoperitoneum (ab), 125: 573, 1977

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—; Kerber, Richard E.; Brown, Donald D.; Funk, David C.: echocardiography in Wolff-Parkinson-White syndrome (ab), 122: 570, 1977

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**Chandraratna, P. A. N.**

—; Lopez, Jose M.; Hildner, Frank J.; Samet, Philip; Ben-Zvi, Jeremiah: diagnosis of Bjork-Shiley aortic valve dysfunction by echocardiography (ab), 123: 542, 1977

—; San Pedro, S.; Elkins, R. C.; Grantham, N.: echocardiographic, angiographic, and surgical correlations in right ventricular myxoma simulating valvar pulmonic stenosis (ab), 125: 286, 1977

—; Tolentino, A. O.; Mutucumarana, W.; Gomez, A. Lopez: echocardiographic observations on the association between mitral valve prolapse and asymmetric septal hypertrophy (ab), 125: 286, 1977

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—; Sibala, Justo L.; Gallagher, Joe H.; Riley, Richard C.; Templeton, Arch W.; Beasley, Patricia V.; Porte, Richard A.: computed tomography of the breast: preliminary report, 124: 827, 1977

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—; Clements, Stephen; Chang, John: aortic stenosis: echocardiographic cusp separation and surgical description of aortic valve in 22 patients (ab), 125: 286, 1977

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 —; Figley, Melvin M.; Fisher, Lloyd: correlation between chest film and angiographic assessment of left ventricular size (AJR), 128: 367, 1977  
 —; Figley, Melvin M.; Fisher, Lloyd: visual assessment of total heart volume and specific chamber size from standard chest radiographs (AJR), 128: 375, 1977
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 —; Levisman, Jorge A.; Abasi, Abdul S.; MacAlpin, Rex N.: echocardiographic manifestations of infiltrate cardiomyopathy: report of seven cases due to amyloid (ab), 123: 258, 1977
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 —; Sprayregen, Seymour: angiographic manifestations of ruptured abdominal aortic aneurysms (AJR), 127: 769, 1976
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- ; Fodor, Laszlo B.; Cornell, Steven H.; Christie, James H.: computed tomography and brain scintigraphy in ischemic stroke (AJR), 127: 481, 1976  
 —; Christie, James H.; Schapiro, Rolf L.: nuclide imaging and computed tomography in cerebral vascular disease (SNM), 7: 175, 1977
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 —; Reuter, Stewart R.: angiographic assessment of pancreatic pseudocyst: reappraisal (ab), 123: 538, 1977  
 —; Reuter, Stewart R.; Schmidt, Robert: effects of experimental hepatic artery embolization on hepatic function (AJR), 127: 563, 1976  
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 —; fundamentals of abdominal and pelvic ultrasonography. Saunders monographs in clinical radiology, vol. 6 (bk rev), 122: 218, 1977
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- ; Bulkley, Bernadine H.; Goodman, Zachary D.; Hutchings, Grover M.; Pitt, Bertram; Fortuin, Nicholas J.: hypercontractile cardiac states simulating hypertrophic cardiomyopathy (ab), 125: 287, 1977
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- ; Weinstein, Meredith A.; Agamanolis, Dimitris; Holt, Walcott S.: computed tomography in progressive multifocal leukoencephalopathy (AJR), 127: 663, 1976
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- ; Montemartini, C.; Bobba, P.; Specchia, G.; Angoli, L.; Deservi, S.; Mussini, A.; Marinoni, G. P.: coronary artery spasm after injection of ergonovine maleate in man: angiographic demonstration (ab), 124: 568, 1977
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—; Bilaniuk, Larissa T.; Zimmerman, Robert A.; Kuhl, David E.: computed tomography of intracerebral hematomas. I. transmission CT observations on hematoma resolution (AJR), 129: 681, 1977
- ; Bilaniuk, Larissa T.; Zimmerman, Robert A.; Kuhl, David E.; Alavi, Abbas: computed tomography of intracerebral hematomas. II. radionuclide and transmission CT studies of the perihematoma region (AJR), 129: 689, 1977
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—; Van Nagell, Jr., J. R.; Wood, E. G.; Pletsch, Q.; Goldenberg, D. M.: carcinoembryonic antigen in patients treated with radiation therapy for invasive squamous cell carcinoma of the uterine cervix (AJR), 127: 829, 1976
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- ; Rosenbaum, Arthur E.; Reigel, Donald B.; Bank, William O.; Deeb, Ziad L.: metrizamide computed tomography cisternography: pediatric applications, 124: 349, 1977
- ; Rosenbaum, Arthur E.; Maroon, Joseph C.; Bank, William O.; Woodford, John E.: posterior fossa extraaxial cyst: diagnosis with metrizamide CT cisternography (AJR), 128: 431, 1977
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- ; Parker, Bruce R.; Warnke, Roger A.; Castellino, Ronald A.: radiographic manifestations of malignant histiocytosis (AJR), 127: 611, 1976
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—; Kricun, Morrie E.: radiographic findings in early acquired syphilis: case report and critical review (AJR), 127: 789, 1976
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- ; Schneider, Arthur B.; Stachura, Max E.; Arnold, John E.; Ryo, U. Yun; Pinsky, Steven M.; Colman, Martin; Arnold, Margaret J.; Frohman, Lawrence A.: thyroid cancer occurring as a late consequence of head-and-neck irradiation: evaluation of 1056 patients (ab), 122: 575, 1977
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- ; Shaber, Gary S.; Schwartz, Gordon F.; Libshitz, Herman I.; Edeiken, Jack; Nerlinger, Rudolph; Curley, Robert F.; Wallace, John D.; Patchefsky, Arthur S.: thermography, mammography, and clinical examination in breast cancer screening: review of 16,000 studies, 122: 123, 1977
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—; Conrardy, Peter A.; Laing, Faye; Singer, Morley M.: radiographic evaluation of endotracheal tube position (AJR), 127: 433, 1976
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- ; Minagi, Hideyo; Thomas, Arthur N.: radiographic appearance of the chest after pleural space reduction procedures: construction of a pleural tent and phrenoplasty (AJR), 129: 229, 1977
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—; Buse, Maria G.; Quinn, III, James L.; Selby, John B.: "hot spot" on hepatic scintigraphy and radionuclide venacavography (AJR), 129: 447, 1977
- ; Quinn, III, James L.; Pickus, Melina: unusual presentation of glioblastoma multiforme on serial scintiscans (ab), 124: 579, 1977
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—; Shah, Bhavesh L.; Hardman, Donald R.; Chameides, Leon: giant dural supratentorial arteriovenous malformation (AJR), 129: 734, 1977
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- ; Cundiff, Jackson H.; Hanson, William F.: use of auxiliary collimating devices in the treatment for breast cancer with  $^{60}\text{Co}$  teletherapy units. I. dosimetric considerations (AJR), 127: 649, 1976
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- ; Parkey, Robert W.; Buja, L. Maximilian; Stokely, Ernest M.; McAllister, Robert E.; Bonte, Frederick J.; Willerson, James T.: computed tomography: *in vitro* evaluation of myocardial infarction, 122: 511, 1977
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- ; Kalsbeck, John E.; Wellman, Henry N.; Batnitzky, Solomon; Campbell, Robert L.; Lewis, Sidney: clinical radioisotope investigations in hydrosyringomyelia and myelodysplasia (ab), 123: 260, 1977
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- ; Theologides, Athanasios; From, Arthur H. L.; Gobel, Frederick L.; Fortuny, Ignacio E.; Lawrence, Cheryl J.; Edward, Jesse E.: hypercinsinophilic syndrome with biventricular involvement (ab), 124: 283, 1977
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- ; Nakano, Yoshihisa; Okuno, Takehiko; Komuro, Hiroyuki; Hojyo, Hiroatsu; Handa, Hajime: computerized tomography in Moyamoya syndrome (ab), 125: 565, 1977
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- ; Miller, Mark H.; Wallace, Sidney; Goepfert, Helmut; Jesse, Richard H.: angiographic observations on chemodectomas of the head and neck (AJR), 129: 477, 1977
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- ; McCullough, David C.; Schellinger, Dieter: computed cranial tomography and radionuclide cisternography in hydrocephalus (SNM), 7: 197, 1977
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- ; Capitanio, Marie A.; Grover, Warren D.; Valdes-Dapena, Marie: bladder diverticula and Menkes' syndrome, 124: 459, 1977
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- ; Blichert-Toft, M.; Hancke, S.; Pedersen, J. Fog; Kristensen, J. Kvist; Efsen, F.; Dige-Petersen, H.; Fogh, J.; Lockwood, K.; Hasner, E.: comparative study of ultrasound, <sup>131</sup>I-19-iodocholesterol scintigraphy, and aortography in localizing adrenal lesions (ab), 124: 575, 1977
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- ; Moseley, R. D.; Brogdon, Byron G.; Bhav, Dattatraya G.; Hallberg, J.: effect of size and position on chest lesion detection (AJR), 129: 205, 1977
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—; Malone, James M.; Eisenberg, Ronald L.; Mani, Richard L.: arteriographic evaluation of the femoral bifurcation: value of the ipsilateral anterior oblique projection (AJR), 127: 955, 1976
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 —; Koehler, Robert E.: radiologic diagnosis of disordered esophageal motility: unified physiologic approach (RCNA), 14: 429, 1976
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- ; gastric lymphoma: radiologic diagnosis (ab), 123: 253, 1977
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- ; Alvarez-Rodriguez, E. Eloy; Hernandez-Ortiz, Jorge: management of postbiopsy hemobilia with selective arterial embolization (AJR), 128: 668, 1977
- Merle, P.** See Jarlot, D.
- Merrin, Claude**
- ; Wajzman, Zew; Baumgartner, George; Jennings, Ethelyn: clinical value of lymphangiography: are the nodes surrounding the obturator nerve visualized? (ab), 125: 572, 1977
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- ; Latimer, F. R.; Boodin, S.: cranial response to treatment of sagittal synostosis (ab), 123: 250, 1977
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- ; computed tomography: contrast enhancement in resolving intracerebral hemorrhage (AJR), 127: 1050, 1976
- Metter, Gerald E.** See Dodds, Wylie J.
- Metz, Charles E.** See Haus, Arthur G.; Vyborny, Carl J.
- Meuwissen, S. G. M.**
- ; Pape, Katolina S. S. B.; Agenant, D.; Oushorn, H. H.; Tytgat, G. N. J.: Crohn's disease of the colon: analysis of the diagnostic value of radiology, endoscopy, and histology (ab), 122: 280, 1977
- Meyer, Jerry F.**
- ; Frank, M. Jeffrey; Goldberg, Samuel; Cheng, Tsung O.: systolic mitral flutter, an echocardiographic clue to the diagnosis of ruptured chordae tendineae (ab), 123: 832, 1977
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- Meyer, Richard A.** See Baylen, Barry; Johnson, Gregory L.
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- ; clinical involvement of the mesenteric and antimesenteric borders of small intestinal loops: I. normal pattern and relationships (ab), 122: 563, 1977
  - ; clinical involvement of the mesenteric and antimesenteric borders of small intestinal loops: II. radiologic interpretation of pathologic alterations (ab), 122: 563, 1977
  - ; Ghahremani, Gary G.; Govoni, Antonio F.: ischemic colitis associated with sigmoid volvulus: new observations (AJR), 128: 591, 1977
  - ; Alonso, Daniel R.; Baer, Jeanne W.: pathogenesis of massively bleeding colonic diverticulosis: new observations (AJR), 127: 901, 1976
- Meyers, P. C.** See Skucas, J.
- Michaeli, D.** See Sneh, E.
- Michaelis, Lawrence L.** See Neifeld, James P.
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- ; Gold, Richard H.; Arndt, Rolf D.: radiography of gynecomastia and other disorders of the male breast, 122: 117, 1977
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- Middleton, III, Henry M.**
- ; Patton, Dennis D.; Hoyumpa, Jr., Anastacio M.; Schenker, Steven: liver-lung scan in diagnosis of right subphrenic abscess (ab), 122: 865, 1977
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- Mihalko, Michael.** See Nickles, Andrew J.
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- Mikkelsen, William J.**
- ; Yim, Gary Y. S.; Bandrevics, Vidvuds; James, David R.: subtraction technique in intravenous aortography, 123: 231, 1977
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- ; Sugar, Oscar; Dobben, Glen: benign pituitary adenoma associated with hyperostosis of the sphenoid bone and monocular blindness: case report (ab), 125: 851, 1977
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- Milford, Henry E.** See Smith, Jr., J. Stanley
- Miller, Roger C.** See Fetouh, Saleh A.
- Miller, Jr., Franklin J.**
- ; Rothermel, Franklin J.; O'Neil, Martin J.; Shockat, Stephen J.: clinical and roentgenographic findings in splenic abscess (ab), 124: 276, 1977
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- Miller, J. Bruce**
- ; Moran, Edgar M.; Desser, Richard K.; Griem, Melvin L.; Ultmann, John E.: results of involved field and extended field radiotherapy in patients with pathologic stage I and II Hodgkin's disease (AJR), 127: 833, 1976
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- Miller, Jack D. R.**
- ; Grace, Michael G.; Russell, Donald B.; Zacks, David J.: complications of cerebral

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- ; Gates, Gary F.; Stanley, Philip: radiologic investigation of hepatic tumors in childhood (ab), 124: 451, 1977
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- Miller, Robert C.** See Connor, William G.; Richards, Marcia J. S.
- ; Connor, William G.; Heusinkveld, Robert S.; Boone, Max L. M.: prospects for hyperthermia in human cancer therapy: part I: hyperthermic effects in man and spontaneous animal tumors, 123: 489, 1977
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- ; Dinsmore, Robert E.; Liberthson, Richard R.; Goldblatt, Allan; Daggett, Willard M.; Buckley, Mortimer J.: anomalous pulmonary venous connection of entire left lung with intact atrial septum: radiological features and clinical implications, 122: 591, 1977
- ; Dinsmore, Robert E.; Wittenberg, Jack; Maturi, Richard A.; Powell, Jr., W. John: right and left ventricular volumes and wall measurements: determination by computed tomography in arrested canine hearts (AJR), 129: 257, 1977
- Miller, Thomas**
- ; Thompson, Norman W.: intermittent dislocation of the liver: syndrome associated with volvulus of the transverse colon and stomach and obstructive jaundice (ab), 125: 280, 1977
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- ; Lim, Leonardo T.; Eafahani, Fraydoon; Portela, Luiz: mycotic aneurysm of the hepatic artery causing obstructive jaundice (AJR), 128: 143, 1977
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- Moncada, Rogelio.** See Cardoso, J. Manuel
- ; Cardoso, Manuel; Danley, Robert B.; Rodriguez, Julieta; Kimura, Kenji; Pickleman, Jack R.; Brandly, Judith: acute cholecystitis: 137 patients studied by infusion tomography of the gallbladder (AJR), 129: 583, 1977
- ; Cardoso, Manuel; Danley, Robert; Rodriguez, Julieta; Kimura, Kenji; Pickleman, Jack; Brandly, Judith: infusion tomography of the gallbladder: mechanism of gallbladder wall opacification in experimental acute cholecystitis (AJR), 129: 587, 1977
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- ; coronary arteriography: uncommon observations (ab), 122: 284, 1977
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- ; Hayashi, Takashi; Handa, Hajime: intratentorial retrolenticular cysts (ab), 125: 564, 1977
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- ; Ikekubo, Katsuji; Ito, Harumi; Mori, Toru; Hamamoto, Ken; Torizuka, Kanji: lung scintigraphy with <sup>51</sup>Cr-erythrocytes in Goodpasture's syndrome: case report (ab), 124: 864, 1977
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- ; double-blind comparison of iodipamide and iodoxamate using direct and drip infusion intravenous cholangiography (AJR), 128: 931, 1977
- ; Koehler, Robert E.; Margulis, Alexander R.: initial accuracy of esophagograms in detection of small esophageal carcinoma (AJR), 127: 909, 1976
- ; Hanelin, Laurence G.: occult malignant tumors in dermatologic disease: futility of radiological search, 123: 69, 1977
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- ; Obied, Sami; Slim, Michel: congenital choledochal cysts (ab), 124: 276, 1977
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- ; Brown, Larry R.; Crowe, John K.: detection of pulmonary nodules by computed tomography (AJR), 128: 267, 1977
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- ; Wellauer, J.; Knoblauch, M.: plain abdominal radiograph in mesenteric infarction (ab), 124: 570, 1977
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- ; Pascual y Baralt, Jose F.; Melendez, Maria T.: arterial hypertension in infants with hydronephrosis: report of six cases (ab), 125: 284, 1977
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- Muntz, E. Phillip**  
—; Meyers, H.; Wilkinson, Evelyn; Jacobson, George: preliminary studies using electron radiography for mammography, 125: 517, 1977
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- ; Emami, Bahman; Tchakarova, Ivanka; Necheles, Thomas F.; Banks, Henry H.; Paradelo, Jorge C.; Oh, Won H.: combined therapy of osteosarcoma: preoperative irradiation, surgery, and chemotherapy, 125: 497, 1977
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- Murphy, John J.** See Wein, Alan J.
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—; Boger, James; Adamson, Jr., James S.; Rubin, Sanford: evaluation of cardiac size and chronic bronchitis and pulmonary emphysema (ab), 125: 566, 1977
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—; Burdine, John A.: distortion in converging collimator scintiphography, 125: 227, 1977
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- ; Siegel, Marilyn J.; Gilula, Louis A.: arthrography in the diagnosis of unexplained chronic hip pain with regional osteopenia (AJR), 129: 283, 1977
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- Nadimi, M.**  
—; Bushe, K. A.; Ratzka, M.; Moissl, G.: angio-tomographic aspects of cerebral aneurysms and angiomas (ab), 124: 565, 1977
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—; Shochat, Stephen J.; Whitman, Victor; Maisels, M. Jeffrey: unsuspected pulmonary vascular abnormalities associated with diaphragmatic hernia (ab), 123: 821, 1977
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- ; Naidich, Thomas P.; Pudlowski, Rochelle M.; Waldbaum, Robert S.; Hyman, Roger A.; Stein, Harry L.: angiographic patterns of posttraumatic renal scarring (AJR), 128: 729, 1977
- ; Naidich, Thomas P.; Garfein, Carol; Liebeskind, Arie L.; Hyman, Roger A.: widened interspinous distance: useful sign of anterior cervical dislocation in the supine frontal projection, 123: 113, 1977
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- ; Leeds, Norman E.; Kricheff, Irvin I.; Pudlowski, Rochelle M.; Naidich, James B.; Zimmerman, Robert D.: tentorium in axial section. II. lesion localization, 123: 639, 1977
- ; Leeds, Norman E.; Kricheff, Irvin I.; Pudlowski, Rochelle M.; Naidich, James B.; Zimmerman, Robert D.: tentorium in axial section. I. normal CT appearance and non-neoplastic pathology, 123: 631, 1977
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- ; Takashi, Motohide; Mushia, Hirotsuka; Kudo, Takahiro; Sakamoto, Kazuyoshi; Kojiro, Masamichi; Nakashima, Toshiro: angiographic demonstration of growth of hepatocellular carcinoma in the hepatic vein and inferior vena cava, 124: 0033, 1977
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—; Kojiro, Masamichi; Sakamoto, Kazuyoshi; Nakashima, Toshiro: angiographic demonstration of intrahepatic arterio-portal anastomoses in hepatocellular carcinoma, 122: 0053, 1977
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- Piehler, Jeffrey M.**  
—; Crichlow, Robert W.: primary carcinoma of the gallbladder (ab), 124: 568, 1977
- Piepsz, Amnon**  
—; Viart, Pierre; Szymusik, Beatrice; Jeghers, Omer: real clinical indication for selective spleen scintigraphy with  $^{99m}\text{Tc}$ -labeled red blood cells, 123: 407, 1977
- Pierce, Alan K.** See Bynum, Lincoln J.
- Pieroni, Daniel R.** See Valdes-Cruz, Lilliam M.
- Pierquin, Bernard**  
—; destiny of brachytherapy in oncology (AJR), 127: 495, 1976
- ; Baillet, Francois; Wilson, J. Frank: radiation therapy in the management of primary breast cancer (AJR), 127: 645, 1976
- Pierson, David J.** See Albert, Richard J.
- Pierson, Jr., R. N.**  
—; Alam, S.; Kemp, H. G.; Friedman, M. I.: radiocardiography in clinical cardiology (ab), 123: 834, 1977
- Piggot, J.** See Mollan, R. A. B.
- Pikielny, S.** See Man, B.
- Pillari, George.** See Lee, Won J.
- Pinckney, Lee**  
—; Parker, Bruce R.: myelofibrosis and myelofibrosis in treated histiocytosis-X (AJR), 129: 521, 1977
- Pinkel, Donald.** See Jayalakshamma, B.
- Pinsky, Steven M.** See Favus, Murray J.; Ryo, U. Yun; Schey, William L.; Siddiqui, Aslam
- ; Henkin, Robert E.: gallium-67 tumor scanning (ab), 122: 575, 1977
- Pinto, Richard S.** See Firooznia, Hossein
- ; George, Ajax E.; Kricheff, Irvin L.; Naidich, Thomas P.; Fox, Allan: base view of vertebral angiography: aid in the diagnosis of exsaxial cerebellopontine angle tumors, 124: 137, 1977
- Pion, Sidney J.**  
—; Staab, Edward V.; Stevens, Peter S.: increased activity in a renal cell carcinoma imaged using 2,3-dimercaptosuccinic acid (ab), 122: 866, 1977
- Pischinger, Russel J.**  
—; Brown, Ross E.; Fucillo, Sandra M.: transparencies of sonograms, 125: 537, 1977
- Pistenma, David A.** See Spellman, Michael C.
- ; Fessenden, P.; Boyd, D. P.; Luxton, G.; Taber, R.; Bagshaw, Malcolm A.: initial performance of the Stanford Medical Pion Generator, 122: 527, 1977
- Pitt, Bertram.** See Come, Patricia C.; Cook, David J.; Strauss, H. William
- ; Strauss, H. William: cardiovascular nuclear medicine (ab), 123: 834, 1977
- Pitt, Michael J.** See Freundlich, Irwin M.
- Piyachon, Chaliow**  
—; Poshychinda, Makumkrong; Dhitavat, Visit: hepatoscintigraphy, arteriography, and ultrasonography in preoperative diagnosis of choledochal cyst (AJR), 127: 520, 1976
- Pizzarello, Donald J.** See Witcowski, Richard L.
- Pizzo, Phillip A.** See Margileth, David A.
- Pizzo, Salvatore.** See Thompson, William M.
- Pizzolato, Nicholas F.** See Arcamano, Joseph P.
- Pletsch, Q.** See Donaldson, E.
- Ploem, Sven.** See den Orth, Odo Op
- Plume, S. K.** See Burgener, Francis A.
- Pochaczewsky, Rubem**  
—; kidney cassettes for intraoperative radiography, 123: 237, 1977
- Podlas, Hilda.** See Danziger, J.
- Poe, Norman D.** See Sample, W. Frederick
- ; Cohen, Marvin B.; Yanda, Roman L.: application of delayed lung imaging following radioaerosol inhalation, 122: 739, 1977
- ; Robinson, Jr., Gerald D.; Zielinski, Florian W.; Cabeen, Jr., William R.; Smith, James W.; Gomes, Antoinette S.: myocardial imaging with  $^{123}\text{I}$ -hexadecenoic acid, 124: 419, 1977
- ; radionale and radiopharmaceuticals for myocardial imaging (ab), 123: 834, 1977
- Poehman, Harold.** See Chu, Wei-Kom
- Poggenburg, Jr., J. Kenneth.** See Hubner, Karl F.
- Pohost, Gerald M.**  
—; Vignola, Paul A.; McKusick, Kenneth E.; Block, Peter C.; Myers, Gordon S.; Walker, Harriet J.; Copen, David L.; Dinsmore, Robert E.: hypertrophic cardiomyopathy: evaluation by gated cardiac blood pool scanning (ab), 124: 286, 1977
- Poirier, Virginia C.** See Dublin, Arthur B.
- Polack, Edward P.**  
—; Fainsinger, Maurice H.; Bonnano, Salvatore V.: death following complications of roentgenologic nonoperative manipulation of common bile duct calculi, 123: 585, 1977
- Polak, J. J.** See Chaudhuri, Tapan K.
- Polcyn, Robert E.** See Holden, James E.
- ; Nickles, R. Jerome: experimental approaches to myocardial function studies:  $\text{C}^{18}\text{O}_2$  and  $^{81m}\text{Kr}$  (ab), 123: 834, 1977
- Polga, James P.**  
—; Watnick, Murray: whole lung tomography in metastatic disease (ab), 122: 277, 1977
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- Polin, Stanton G.** See Ryo, U. Yun
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- Pollock, Simon.** See Kaftori, Joseph K.
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- Polsky, M. Sheldon.** See Braedel, H. U.
- Pomerantz, Kenneth.** See Griffiths, Harry J.
- Pomeroy, Paul R.** See Reuter, Stewart R.
- Pomeroy, Thomas C.** See Spiegel, Allen M.
- Ponette, E.** See Baert, A. L.
- Ponto, Richard A.** See Schwartz, Jeffrey S.
- Poole, Catherine A.** See Wexler, Howard A.
- ; Rowe, M. I.; Fojaco, R. M.; Wexler, Howard A.: congenital evagination of the septum transversum: rare form of congenital diaphragmatic anomaly (ab), 123: 256, 1977
- Pope, H. Charles E.** See Danus, Osvaldo
- Popky, George L.** See Parker, Janet A.
- Poplack, David G.** See Margileth, David A.
- Poplack, William E.** See Bloom, Stephen M.; Goldsmith, Martin R.
- ; Paul, Jr., Robert E.; Goldsmith, Martin R.; Matsue, Hiroto; Bloom, Stephen M.; Moore, Jeffery P.; Norton, Richard A.: linear and rod-shaped peptic ulcers, 122: 317, 1977
- Popp, Richard L.** See Berndt, Theodore B.; Corrigan, Denton; Gramiak, Raymond; Markiewicz, Walter; Strunk, Brian L.
- Poree, C.** See Baraton, J.
- Porte, Richard A.** See Chang, C. H. Joseph
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- Post, K. D.** See Rozario, R.
- Postlethwait, R. W.** See Fetouh, Saleh A.
- Potter, Donald E.** See Brown, Thomas W.
- Potts, D. G.** See Kido, D. K.
- Potts, Daniel E.**  
—; Levin, David C.; Sahn, Steven A.: pleural fluid pH in parapneumonic effusions (ab), 122: 561, 1977
- Pouliadis, Grigorios P.** See Otto, Rainer C.
- ; Wellauer, Josef; Streuli, Rolf; Fontana, Adriano; Briner, Jakob: arteriographic findings in hyperergic granulomatosis and vasculitis of a kidney (AJR), 127: 526, 1976
- Powell, Isaac.** See Klugo, Richard C.
- Powell, N.** See Davies, E. R.
- Powell, R. W.** See Drouilas, C. A.
- Powell, Jr., W. John.** See Miller, Stephen W.
- Power, Judith A.**  
—; Harris, John W.: response of extremely hypoxic cells to hyperthermia: survival and oxygen enhancement ratios, 123: 767, 1977
- Powers, James M.** See Hungerford, G. Douglas
- Powers, William E.** See Korba, Alvin
- Poymate, Steven.** See Nusynowitz, Martin L.
- Poznanski, A. K.**  
—; les pieges diagnostiques en radiologie pediatrique. monographie des annales de radiologie (bk rev), 122: 448, 1977
- Poznanski, Andrew K.** See Hernandez, Ramiro; Kaufman, Robert A.; Kuhns, Lawrence R.; Martin, Allen J.
- ; Werder, Edmond A.; Giedion, Andres; Martin, Allan J.; Shaw, Helen: pattern of shortening of the bones of the hand in PHP and PHP—comparison with brachydactyly E, Turner syndrome, and acrodisostosis, 123: 707, 1977
- Prabhu, Ravindra.** See D'Cruz, Ivan
- Prager, Robert J.**  
—; Akin, John R.; Akin, Gwynn C.; Binder, Robert J.: Winslow's pathway: rare collateral channel in infrarenal aortic occlusion (AJR), 128: 485, 1977
- Prakash, Ved**  
—; Kamel, Neil J.; Lin, Max S.; Kriss, Joseph P.: increased skeletal localization of  $^{99m}\text{Tc}$ -diphosphonate in paralyzed limbs (ab), 122: 574, 1977
- Pras, M.** See Sneb, E.
- Prasad, Satish C.**  
—; Edwards, F. Marc; Hendee, William R.: effects of motion on radiological image, 123: 763, 1977
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- Prather, Gerry L.** See Nusynowitz, Martin L.
- Prather, Jerry.** See McCartney, William
- Prato, Frank S.**  
—; Kurdyak, Ruth; Saibil, Eric A.; Carruthers, John S.; Rider, Walter D.; Aspin, Norman: incidence of radiation pneumonitis as a result of single fraction upper half body irradiation (ab), 124: 580, 1977
- ; Kurdyak, Ruth; Saibil, Eric A.; Rider, Walter D.; Aspin, Norman: physiological and radiographic assessment during the development of pulmonary radiation fibrosis, 122: 389, 1977
- Pratt, Alan G.**  
—; Kier, E. Leon; Rothman, Stephen L. G.; Allen, III, William E.: polarized projection of stereo cerebral angiograms for audience viewing (AJR), 128: 231, 1977
- Pratt, Lindsay L.** See Cavo, Jr., John W.
- Pratt, Richard C.** See Parisi, Alfred F.
- ; Parisi, Alfred F.; Harrington, James J.; Sasahara, Arthur A.: influence of left ventricular stroke volume on aortic root motion: an echocardiographic study (ab), 122: 570, 1977
- Preffer, Frederic I.** See Marabella, Patrick C.
- Preisman, Robert A.**  
—; Halpern, Samuel E.; Shishido, Ralph; Waltz, Thomas; Callipari, Frank; Reit, Russell: uptake of  $^{131}\text{I}$  by a papillary meningioma (AJR), 129: 349, 1977
- Press, Jr., Harry C.**  
—; Davis, T. Wilkins: ingested foreign bodies simulating polyposis: report of six cases (AJR), 127: 1040, 1976
- Preston, David F.** See Lee, Kyo Rak
- Prewitt, Leland H.** See Lachman, Ralph S.
- Prewitt, Jr., Leland H.**  
—; Lebowitz, Robert L.: single ectopic ureter (AJR), 127: 941, 1976
- Pribram, Henry W.** See Kistler, M. W.
- Price, David.** See Norman, David
- Price, Herman L.** See Foote, William C.
- Price, Hilton I.** See Levine, Errol
- Prim, H. Samuel.** See Han, Sang Y.
- Primo, George.** See Viart, Pierre
- Pringot, J.** See Baert, A. L.
- Pritchard, Douglas J.** See Rab, George T.
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—; upper airways: II. larynx and trachea (ab), 124: 273, 1977
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- Promisloff, Steven D.** See Dessler, Kenneth B.
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- ; Lane, Edward J.: air in the esophagus: frequent radiographic finding (AJR), 129: 433, 1977
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- Pudlowski, Rochelle M.** See Naidich, James B.; Naidich, Thomas P.
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- Pulmano, Calixto M.** See Walter, Joseph F.
- Puranen, Jaakko.** See Ala-Ketola, Lasse
- Purdham, D. R.** See Shah, K. J.
- Purdy, James A.** See Korba, Alvin
- Puri, Savita**  
—; Spencer, Richard P.; Moskowitz, Harold; Kendall, Emma M.: hepatic transudation ("weeping") of  $^{131}\text{I}$ -rose bengal (ab), 124: 287, 1977
- Putnam, Charles E.** See Littner, Michael R.
- Putnam, Charles W.** See Stables, Derek P.
- Putnam, Jerome S.**  
—; lung carcinoma in young adults (ab), 125: 852, 1977
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- Putnam, T. C.** See Wood, Beverly P.
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- Quackenbush, Dana**  
—; DiDonato, Richard; Butler, Deborah: modified lateral projection for anterior and posterior lips of the acetabulum, 125: 536, 1977
- Quaglieri, Charles E.** See Sackett, Joseph F.
- Quattromani, Frank.** See Smith, Wilbur L.
- Quattromani, Frank L.**  
—; Benton, Corning; Cotton, Robin T.: Towne projection for evaluation of the velopharyngeal sphincter, 125: 540, 1977
- Queiroz, Luciano De S.**  
—; Da Cruz Neto, Joaquim N.: late pseudotumoral brain necrosis following irradiation of a scalp neoplasm: case report (ab), 124: 288, 1977
- Quencer, Robert M.** See Li, Florence C.
- ; Tenner, Michael S.; Rothman, Lewis:

- postoperative myelogram: radiographic evaluation of arachnoiditis and dural/arachnoid tears, 123: 667, 1977
- Quimby, Jr., Charles W.**  
informed consent: dialogue (opin), 123: 805, 1977
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- Qunjian, Zareh J.** See Ovenfors, Carl-Olof Rab, George T.
- ; Ivins, John C.; Childs, Jr., Donald S.; Cupps, Roger E.; Pritchard, Douglas J.: elective whole lung irradiation in treatment of osteogenic sarcoma (ab), 123: 545, 1977
- Raben, Milton.** See Davenport, David
- Rabin, Harvey R.** See Urtaun, Raul C.
- Rabinowitz, Jack G.** See Siegle, Robert L.; Wiedner, Sheldon
- ; Siegel, Robert L.: changing clinical and roentgenographic patterns of necrotizing enterocolitis (ab), 122: 854, 1977
- Radford, Dorothy J.**  
—; Sondheimer, Henry M.; Williams, Gordon J.; Fowler, Rodney S.: mucocutaneous lymph node syndrome with coronary artery aneurysm (ab), 122: 566, 1977
- Raesside, David E.** See Chu, Wei-Kom
- Rafia, S.**  
—; Turner, S.; Meleka, F.; Ghossein, N.: role of radiotherapy in the definitive management of rectal carcinoma (AJR), 127: 841, 1976
- Ragab, Abdell H.** See Razek, Aly A.
- Raghavaiah, N. V.**  
—; Singh, Sarinder Man: extra-adrenal pheochromocytoma producing renal artery stenosis (ab), 122: 282, 1977
- Raheja, K. L.** See Bertrand, G.
- Railton, R.** See Carr, D.
- Raiti, Salvatore**  
—; Albrink, Margaret J.; Maclaren, Noel K.; Chadduck, William M.; Gabriele, Orlando F.; Chou, Samuel M.: empty sella syndrome secondary to intrasellar cyst in adolescence (ab), 123: 250, 1977
- Rajagopalan, Arjun E.**  
—; Mason, James H.; Kennedy, Michael; Pawlikowski, James: value of the barium enema in the diagnosis of acute appendicitis (ab), 124: 857, 1977
- Raju, L.** See Ng, K. K.
- Ramgopal, Vadakepat.** See Kunin, Calvin M.
- Ramilo, Jose.** See Harris, Vivian J.
- Ramirez, Guillermo.** See Buchler, Dolores A.
- Ramirez, Ignacio Hernandez**  
—; Santillan, Juan Escobedo: total body opacification in pelvic and abdominal masses (ab), 122: 859, 1977
- Ramirez, J. M. Capilla.** See Sanchez, E. Blesa
- Ramming, Kenneth P.** See Eilber, Frederick R.
- Ramos, S.** See Ahmed, N.
- Rampton, Jack B.**  
—; Armstrong, Jr., John D.: bilateral venography of the lower extremities, 123: 802, 1977
- Ramsey, Ruth G.** See Huckman, Michael S.; Stefowski, Susan
- ; Huckman, Michael S.: computed tomography of porocephaly and other cerebrospinal fluid-containing lesions, 123: 73, 1977
- Randall, Patricia A.** See Weinberger, Gerald
- Randt, C.** See Aleksic, S.
- Raney, Alex M.**  
radiographic findings immediately after urethral rupture: experimental study and case reports (ab), 122: 860, 1977
- Ranschoff, III, Joseph.** See Morantz, Robert A.
- Rao, Gopal.** See Wholey, Mark H.
- Rao, Gopala U. V.** See Osterman, Jr., Floyd A.
- Raphael, M. J.**  
—; Allwork, S. P.: angiographic anatomy of the right heart (ab), 123: 537, 1977
- Rapp, Keith.** See Patriquin, Heidi B.
- Rasey, Janet S.**  
—; Carpenter, Rita E.; Nelson, Norma J.; Parker, Robert G.: cure of EMT-6 tumor by x rays or neutrons: effect of mixed-fractionation schemes, 123: 207, 1977
- Raskin, Jeffrey B.** See Morton, Robert E.
- Rasmussen, Susan.** See Corya, Betty C.
- Ratzka, M.** See Nadjmi, M.
- Rauch, Phillip L.**  
introduction to physics for radiologic technologists (bk rev), 122: 498, 1977
- Rausch, James.** See Higgins, Charles B.
- Rausing, Alf.** See Gothlin, Jan
- Rauste, J.**  
—; Lahdensuo, A.; Suramo, I.: lymphographical findings in disseminated tuberculosis without radiological lung manifestations (ab), 122: 562, 1977
- Ravin, Carl.** See Koehler, P. Ruben
- Ravin, Carl E.** See Hyson, Eric A.; McLoud, Theresa C.
- ; Hoyt, Terry S.; De Blanc, Harold: concentration of <sup>99m</sup>technetium polyphosphate in fibrothorax following pneumonectomy, 122: 405, 1977
- ; Koehler, P. Ruben: reuse of disposable catheters and guide wires, 122: 577, 1977
- Ray, Gordon R.** See Spellman, Michael C.
- Ray, III, Jefferson F.**  
—; Lawton, Ben R.; Magnin, George E.; Dovenbarger, William V.; Smullen, William A.; Reyes, Cesar N.; Myers, William O.; Wenzel, Frederick J.; Sautter, Richard D.: coin lesion story: update 1976. twenty years' experience with early thoracotomy for 179 suspected malignant coin lesions (ab), 122: 561, 1977
- Razek, Aly A.**  
—; Perez, Carlos A.; Lee, Fransiska A.; Ragab, Abdell H.; Askin, Frederic; Vietti, Teresa: combined treatment modalities of rhabdomyosarcoma in children (ab), 125: 861, 1977
- Read, A. E.** See Davies, E. R.
- Reagin, David E.** See Olmsted, William W.
- Reddi, P. Raghunath.** See Renner, Wendel Dean
- Reddy, Kakulavaram.** See Hayt, David B.
- Reddy, Kuchela.** See Herschman, Alan
- Reddy, V. Harantha.** See Kassner, E. George
- Redick, Brenda.** See Smith, Wilbur L.
- Redick, Thomas J.** See Lame, Edwin L.
- Redman, Helen C.**  
—; Glatstein, Eli; Castellino, Ronald A.; Federal, W. Aubrey: computed tomography as an adjunct in the staging of Hodgkin's disease and non-Hodgkin's lymphomas, 124: 381, 1977
- Redtenbacher, M.** See Stellamor, K.
- Redwood, David R.** See Maron, Barry J.
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- Reeder, Maurice M.**  
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- Rees, Allan**  
—; Elbi, Francisco; Minhas, Kareem; Solinger, Robert: echocardiographic evidence of outflow tract obstruction in Pompe's disease (glycogen storage disease of the heart) (ab), 122: 570, 1977
- Reese, David F.**  
—; O'Brien, Peter C.; Beeler, Jr., George W.; Gerding, Paul R.; Romme, Clifford R.: statistical description of the normal computerized brain scan (AJR), 129: 457, 1977
- Reeve, T. S.** See Jellins, Jack
- Regnier, G.** See Cecile, J.-P.
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- ; Seidelmann, Frank E.; Tubbs, Raymond R.; MacIntyre, William J.; Meaney, Thomas F.; Alfidi, Ralph J.; Pepe, Richard G.: determination of bone mineral content using CT scanning (AJR), 127: 593, 1976
- Reichelt, Heribert G.**  
—; Brase, Alfons; Hundeshagen, Heinz; S. Stender, Hans: xeroradiographic studies in 150 patients with solitary scintigraphically nonfunctioning nodules of the thyroid gland, 125: 689, 1977
- Reichling, Barbara A.** See Swartz, Harold M.
- Reid, Betty O.** See Masuda, Kouji
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- Reid, Robert.** See Klugo, Richard C.
- Reigel, Donald B.** See Drayer, Burton P.
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- Remington, J. S.** See Williams, D. M.
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- Remy, J.**  
—; Marache, Ph.; Duploux, E.; Dupuis, C.: pulmonary lobar agenesis, aplasia, and hypoplasia. five cases (ab), 123: 535, 1977
- Remy, Jacques**  
—; Arnaud, Alain; Fardou, Henri; Giraud, Rene; Voisin, Cyr: treatment of hemoptysis by embolization of bronchial arteries, 122: 33, 1977
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—; O'Connor, Thomas P.; Amtey, Sharad R.; Reddi, P. Raghunath; Bahr, Gustave K.; Kereiakes, James G.: use of photogrammetry in tissue compensator design. part I: photogrammetric determination of patient topography, 125: 505, 1977  
—; O'Connor, Thomas P.; Amtey, Sharad R.; Reddi, P. Raghunath; Bahr, Gustave K.; Kereiakes, James G.: use of photogrammetry in tissue compensator design. part II: experimental verification of compensator design, 125: 511, 1977
- Rennick, John M.** See Dublin, Arthur B.
- ; Link, Daniel P.; Palmer, John M.: spontaneous rupture of an iliac artery aneurysm into a ureter: case report and review of the literature (ab), 122: 283, 1977
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—; Shaw, D. G.: hypophosphatemic osteomalacia secondary to vascular tumors of bone and soft tissue (ab), 122: 857, 1977
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- ; Feingold, Mitchell L.; Curd, John; Niwayama, Gen; Goergen, Thomas G.: calcaneal abnormalities in articular disorders: rheumatoid arthritis, ankylosing spondylitis, psoriatic arthritis, and Reiter syndrome, 125: 355, 1977  
—; Niwayama, Gen; Goergen, Thomas G.; Utsinger, Peter D.; Shapiro, Robert F.; Haselwood, Douglas H.; Wiesner, Kenneth B.: clinical, radiographic and pathologic abnormalities in calcium pyrophosphate dihydrate deposition disease (CPPD): pseudogout, 122: 1, 1977  
—; Niwayama, Gen; Goergen, Thomas G.: comparison of radiographic abnormalities of the sacroiliac joint in degenerative disease and ankylosing spondylitis (AJR), 128: 189, 1977  
—; Scavulli, John F.; Goergen, Thomas G.; Genant, Harry K.; Niwayama, Gen: intra-articular calcification in scleroderma, 124: 685, 1977  
—; Niwayama, Gen: on the nature and significance of bony proliferation in "rheumatoid variant" disorders (AJR), 129: 275, 1977  
—; roentgen features of the rheumatoid mid- and hindfoot (ab), 123: 540, 1977  
—; Niwayama, Gen; Feingold, Mitchell L.: sesamoid bones of the hands and feet: participants in arthritis, 123: 57, 1977  
—; Niwayama, Gen; Coutts, Richard D.: subchondral cysts (geodes) in arthritic disorders: pathologic and radiographic appearance of the hip joint (AJR), 128: 799, 1977
- Resnick, Martin I.**  
—; Willard, James W.; Boyce, William H.: recent progress in ultrasonography of the bladder and prostate (ab), 124: 862, 1977
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- Reuben, R.** See Aleksic, S.
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- ; Pomeroy, Paul R.; Chuang, Vincent P.; Cho, Kyung J.: embolic control of hypertension caused by segmental renal artery stenosis (AJR), 127: 389, 1976
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—; Kundel, Harold L.: psychophysical studies of detection errors in chest radiology, 123: 559, 1977
- Rey, A.** See Theron, J.
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- Richards, Marcia J. S.**  
—; Miller, Robert C.; Joo, Patricia: radical partial renal irradiation: alternative to



- partial nephrectomy in bilateral Wilms' tumor (ab), 123: 834, 1977
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- ; Jaques, Paul F.: paradoxical embolism in morbidly obese persons, 123: 43, 1977
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- ; Green, William M.; Kroll, Richard; Casarella, William J.: superselective transcatheter embolization of traumatic renal hemorrhage (AJR), 128: 843, 1977
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- ; radiology manpower update, 1976: shortage or surfeit? (AJR), 129: 575, 1977
- Rigault, P.**
- ; Moulies, D.; Padovani, J. P.; Lesaux, D.: fractures of the tibial spine in children: analysis of 26 cases (ab), 125: 570, 1977
- Rigby, M. R.**
- ; MacEwan, D. W.: urography during pregnancy (ab), 124: 574, 1977
- Riggs, Thomas**
- ; Hirschfeld, Stephen; Borkat, Gordon; Liebman, Jerome: inferior vena cava obstruction secondary to indwelling venous catheters: two cases (ab), 122: 852, 1977
- Riggs, Jr., Webster**
- ; Benton, C.; Wood, Beverly P.: cervical neurogenic tumors presenting as thoracic apical masses in infants and children (ab), 125: 566, 1977
- ; Parvey, Louis: differences between right and left lateral chest radiographs (AJR), 127: 997, 1976
- ; errors in radiographic measurements caused by variations in the table top/Bucky tray distance, 124: 844, 1977
- ; Parvey, Louis: perforated appendix presenting with disproportionate jejunal distension (ab), 123: 254, 1977
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- ; Crawford, Michael H.; O'Rourke, Robert A.; Schelbert, Heinz; Daily, Pat O.; Ross, Jr., John: interventricular septal motion and left ventricular function after coronary bypass surgery: evaluation with echocardiography and radionuclide angiography (ab), 124: 861, 1977
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- ; overview of cancer of the lung (SR), 12: 161, 1977
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- ; Honda, Takashi; Heindel, Ned D.; Emrich, Jacqueline L.; Brady, Luther W.: distribution of  $^{99m}\text{Tc}$ -l-thiogluconate in rats: effect of administration route on pancreatic specificity, 124: 837, 1977
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- ; Warren, Edward: air in the pelviccalyceal system: normal finding in patients with ureteroileostomies (AJR), 128: 311, 1977
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- ; Itzig, Jr., Charles; Quinn, III, Peter J.: appendicovesical fistula in childhood: rare complication of ruptured appendix (ab), 122: 565, 1977
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- ; Hermos, John A.; Schimmel, Elihu M.; Friedlander, Daniel M.; Messian, Richard A.: columnar-lined esophagus: analysis of 26 cases, 123: 1, 1977
- ; Sargent, E. Nicholas; Vincent, Miriam E.; Boswell, William; Meyers, Harvey I.: double-blind comparison of meglumine iodoxamate (Cholovue) and meglumine iopamidate (Cholograf) (ab), 123: 538, 1977
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- ; Brismar, Jan; Davis, Kenneth R.; Taveras, Juan M.; Weiss, Alfred: metrizamide cisternography with hypocycloidal tomography: preliminary results (AJR), 127: 965, 1976
- ; Patterson, Arthur K.; Deeb, Mohamed El; Maisel, Robert H.; Bone, Robert C.: sphenothoroidal mucocoele: radiographic diagnosis (AJR), 127: 595, 1976
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- ; Caird, F. L.: computerized tomography and intellectual impairment in the elderly (ab), 125: 275, 1977
- ; Caird, F. L.; Grossart, K. W.; Stevens, J. L.: computerized tomography in the diagnosis of cerebral atrophy (ab), 124: 852, 1977
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- Roberts, S. J.**
- ; Roeser, H. P.; Kynaston, B.; Whitaker, S. V.; Hocker, G. A.: Hodgkin's disease: evaluation of radiotherapy results (ab), 124: 864, 1977
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- Robertson, J. W. K.** See Stephen W.
- Robins, D. G.**
- ; French, T. A.; Chakera, T. M. H.: juvenile nephronophthisis associated with retinal pigmentary dystrophy, cerebellar ataxia, and skeletal abnormalities (ab), 124: 278, 1977
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- ; shifting granuloma: internal marker of atelectasis, 123: 283, 1977
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- ; Ansel, Howard J.; Ayoola, E. A.; Silvis, Stephen E.; Vennes, Jack A.: endoscopic retrograde intrahepatic cholangiogram: radiographic findings in intrahepatic disease (AJR), 128: 45, 1977
- ; Delaney, Jr., Joseph H.; Protell, Robert L.: heterotopic pancreas diagnosed by cannulation and duct study (AJR), 128: 1044, 1977
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- ; Cavalieri, Ralph R.; Born, Mark; Blei, Lynn; Chew, Mailine: comparative evaluation of  $^{99m}\text{Tc}$  GH,  $^{99m}\text{TcO}_4$ , and  $^{99m}\text{Tc}$  DTPA as brain imaging agents, 123: 379, 1977
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- ; Dotter, Charles T.; Seaman, Arthur J.; Porter, John M.; Common, Herbert H.: healing of deep venous thrombosis: venographic findings in a randomized study comparing streptokinase and heparin (AJR), 127: 553, 1976
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- ; three-dimensional computerized tomographic scans of brain: new approach to intracranial diagnosis (ab), 125: 846, 1977
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- ; Clark, Ralph; Burgess, Judith; Cohn, Keith: echocardiographic assessment of level of cardiac compensation in valvular heart disease (ab), 123: 541, 1977
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- ; Hoefnagels, W. H. L.; Koene, R. A. P.; Penn, W. M.; Thijssen, H. O. M.: renovascular hypertension in neurofibromatosis: occurrence of multiple abdominal and cerebral vascular changes (ab), 125: 278, 1977
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- ; Siegel, Norman J.; Kappelman, Neil B.; Taylor, Kenneth J. W.: gray scale ultrasonography in medullary cystic disease of the kidney and congenital hepatic fibrosis with tubular ectasis: new observations (AJR), 129: 297, 1977
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- ; McIntosh, Sue: prospective analysis of bone changes in treated childhood leukemia, 123: 413, 1977
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- ; Kier, E. Leon; Allen, III, William E.: radiology of transphenoidal hypophysectomy: review of 100 cases (AJR), 127: 601, 1976
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- ; Meiske, W.: results of computer-aided diagnosis of peripheral bronchial carcinoma, 125: 583, 1977
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- ; Duperray, B.; Friquet, M.; Taboury, J.; Gorin, C.: angio-immunoblastic lymphadenopathy. lymphographic pattern: remarks on two cases (ab), 125: 853, 1977
- ; Fernet, M.; Chartier, Ph.; Goldlust, D.: rare cause of duodenal obstruction: two cases of Bouveret (gallstone obstruction) syndrome (ab), 123: 537, 1977
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- ; Hammerschlag, S. B.; Post, K. D.; Wolpert, S. M.: diagnosis of empty sella with CT scan (ab), 125: 563, 1977
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- ; Mahowald, Mark W.; Hutton, J. Thomas: asymmetry of the lateral (Sylvian) fissures in man (ab), 122: 272, 1977
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- ; Katon, Ronald M.; Bilbao, Marcia K.; Smith, Frederic: evaluation of sclerosing cholangitis by endoscopic retrograde cholangiopancreatography (ab), 122: 564, 1977
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- ; Strother, Charles M.; Quagliari, Charles E.; Javid, Manucher J.; Levin, Allan B.; Duff, Thomas A.: metrizamide—CSF contrast medium: analysis of clinical application in 215 patients, 123: 0779, 1977
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- ; Kollins, Stephen A.; Hermann, Robert E.: intraluminal duodenal diverticulum associated with trisomy 21 (AJR), 127: 677, 1976

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- ; Ramirez, J. M. Capilla; Lopez-Tello, C.: acute appendicitis in the premature: report of a case (ab), 125: 855, 1977

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- ; Ho, C. S.: small bowel enema: experience with 150 examinations (AJR), 127: 743, 1976

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- ; Conrad, Melvyn R.; White, Jr., Robert L.: normal and abnormal upper abdominal venous structures as seen by ultrasound (AJR), 128: 657, 1977

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- ; David, L.; Frederich, A.; Bovier-Lapierre, M.; Bourgeois, J.; Romand-Monier, M.; Bethenod, M.: congenital rickets: study of the evolution of secondary hyperparathyroidism (ab), 125: 282, 1977

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- ; Kalisher, Lester: incidence of bone metastases in women with minimal and occult breast carcinoma, 124: 675, 1977

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- ; Balow, James E.; Doppman, John L.: computed tomography in the diagnosis of subcapsular and perirenal hematoma (AJR), 129: 83, 1977

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- ; McIlmoyle, Gaellan; Lewis, Samuel: diffuse osteoblastic metastases from an intracranial glioma (AJR), 128: 321, 1977

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- ; Coel, Marc N.; Siemers, Paul T.; Siegel, Hano: percutaneous aspiration of adrenal cysts (AJR), 128: 1013, 1977

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- ; Shkolnik, Arnold; White, Harvey: clinical and radiographic considerations of sacrococcygeal teratomas: analysis of 26 new cases and review of the literature, 125: 189, 1977

- ; Pinsky, Steven M.; Lipshutz, Harold S.; Dragomer, Andrei S.: hepatic duct diverticulum simulating a choledochal cyst (AJR), 128: 318, 1977

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- ; Kerber, Richard E.: echocardiographic abnormalities in acute rheumatic fever (ab), 122: 862, 1977

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- ; Becker, Joshua A.; Staiano, Shirley J.; Campos, Ellen M.: sonographic-radiographic correlation of renal and perirenal infections (AJR), 127: 1007, 1976

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- ; Rohrmann, Jr., Charles A.; Templeton, Frederic E.: radiologic manifestations of idiopathic intestinal pseudoobstruction (AJR), 127: 729, 1976

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- ; Santulli, Thomas V.; Casarella, William J.; MacMillan, Roger W.: Wilms' tumor: role of right heart angiography in the management of selected cases (ab), 125: 571, 1977

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—; Lantieri, Robert; Teplick, J. George: erosion of the inferior aspect of the clavicle in secondary hyperparathyroidism (AJR), 129: 291, 1977

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—; Ponto, Richard A.; Forstrom, Lee A.; Carlyle, Peter F.; McGregor, Leslie R.; Cohn, Jay N.; Loken, Merle K.: evaluation of early myocardial ischemia with Thallium-201 in the pig, 125: 429, 1977

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—; Tajik, Abdul J.; Hagler, Donald J.; Giuliani, Emilio R.; Gau, Gerald T.; Ritter, Donald G.: echocardiogram in common (single) ventricle: angiographic-anatomic correlation (ab), 124: 577, 1977

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—; Taomoto, K.; Fujiwara, K.; Yamashita, H.; Matsumoto, S.; Takeda, H.: venous drainage of the tectum mesencephali: an anatomical angiographic study of the quadrigeminal veins (ab), 124: 270, 1977
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- Tanaka, Hitoshi.** See Endo, Masahiro
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—; Rossier, Alain B.; Hussey, Robert W.; Ahnberg, Donald S.; Treves, Salvador: quantitative assessment of para-osseous arthropathy and its maturation on serial radionuclide bone images, 123: 217, 1977
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—; Sullivan, D.; Rosenfield, Arthur T.; Gottschalk, A.: gray scale ultrasound and



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- ; Scotti, Giuseppe; Ethier, Romeo; Melancon, Denis; Tchang, Stanley; Milner, Curt: computed tomography in intracranial arteriovenous malformations, 122: 703, 1977
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- ; basic principles of computed axial tomography (SNM), 7: 109, 1977
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- ; Foley, L. Christopher; Spencer, Crispin P.; Bishop, Sanford P.: critical review of the efficacy of  $^{99m}\text{Tc}$  pyrophosphate in detecting myocardial infarction in 103 patients, 124: 431, 1977
- ; Foley, L. Christopher; Spencer, Crispin P.; Bishop, Sanford P.: efficacy of thallium 201,  $^{99m}\text{Tc}$  phosphates, and  $^{99m}\text{Tc}$  MAA in localizing small myocardial infarctions in the pig, 124: 433, 1977
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- ; Houtteville, J. P.; Ammerich, H.; de Souza, A. Alves; Adam, H.; Thurel, Cl.; Rey, A.; Houdart, R.: lumbar phlebography by catheterization of the lateral sacral and ascending lumbar veins with abdominal compression (ab), 124: 278, 1977
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- radiology and the kidney: some present concepts. contributions to nephrology, vol. 5 (bk rev), 125: 342, 1977
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- ; Klein, L.; Antony, G. J.: craniodiaphyseal dysplasia: evolution over a five-year period (ab), 122: 850, 1977
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- ; Whalen, Joseph P.; Krook, Lennart; Winchester, Patricia: lamellated periosteal reactions: radiologic and histologic investigation (AJR), 128: 85, 1977
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- ; Gianturco, Cesare; Anderson, James H.; Goldstein, Harvey M.; Davis, L. John; Bree, Robert L.: therapeutic vascular occlusion utilizing steel coil technique: clinical applications (AJR), 127: 381, 1976
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- ; Brady, Jr., Luther W.; Loughhead, John; Matsumoto, Teruo; Antoniadis, John; Prasavinichal, Sriprayoon; Glassburn, John R.; Asbell, Sucha O.; Damsker, Jeffrey J.: subtotal mastectomy and radiation therapy in the definitive management of localized breast malignancy (AJR), 127: 505, 1976
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- ; Templeton, Arch W.: ultrasonic demonstration of inferior vena caval compression: guide to pancreatic head enlargement with emphasis on neoplasm, 123: 165, 1977
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- ; Chuang, Vincent P.; Bookstein, Joseph J.; Reuter, Stewart R.; Cho, Kyung J.; Pulmano, Colinto M.: angiography of massive hemorrhage secondary to pancreatic disease, 124: 337, 1977
- ; Paaso, Brian T.; Cannon, Walter B.: successful transcatheter embolic control of massive hematemesis secondary to liver biopsy (AJR), 127: 847, 1976
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- ; Schapiro, Robert H.; Ferrucci, Jr., Joseph T.; Galdabini, James L.: persistent obstructive jaundice, cholangitis, and biliary cirrhosis due to common bile duct stenosis in chronic pancreatitis (ab), 122: 565, 1977
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- ; Duchesneau, Paul M.; Weinstein, Cheryl E.: computed angiotomography (AJR), 129: 699, 1977
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- ; Peskoe, Steven M.; Williams, Eric S.; Dillon, James C.; Feigenbaum, Harvey: detection of left ventricular aneurysms by cross-sectional echocardiography (ab), 123: 831, 1977
- ; Wann, Samuel; Feigenbaum, Harvey; Dillon, James C.: mechanism of abnormal septal motion in patients with right ventricular volume overload: a cross-sectional echocardiographic study (ab), 122: 563, 1977
- ; Feigenbaum, Harvey; Dillon, James C.; Johnston, Kenneth W.; Eggleton, Reginald C.: noninvasive visualization of the left main coronary artery by cross-sectional echocardiography (ab), 122: 568, 1977
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- ; Horwith, M.; MacIntyre, I.; Mena, E.; Viteri, F.; Torun, B.; Nunez, E. A.; Krook, Lennart: calcitonin treatment in hereditary bone dysplasia with hyperphosphatasemia: radiographic and histologic study of bone (AJR), 129: 29, 1977
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- ; Jones, III, Howard W.; Day, Jr., Thomas G.; Rutledge, Felix N.; Fletcher, Gilbert H.: preirradiation celiotomy and extended field irradiation for invasive carcinoma of the cervix (ab), 124: 284, 1977
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vascular specificity in differentiating adrenal carcinoma from renal cell carcinoma, Fritzsche, Peggy; Andersen, Charlene; Cahill, Patrick, 125: 113, 1977
- Adrenals, radionuclide studies**  
adrenal scintigraphy utilizing <sup>131</sup>I-19-iodocholesterol (ab), Parthasarathy, Kondish L.; Bakshi, Suraj P.; Ackerhalt, R. E.; Villa, M.; Diaz, Romeo, 124: 287, 1977  
radioisotopic study of the adrenal glands using <sup>131</sup>I 19-iodocholesterol (ab), Troncone, L.; Galli, G.; Salvo, D.; Barbarino, A.; Bonomo, L., 125: 862, 1977  
radiology in primary hyperaldosteronism (AJR), Yune, Heun Y.; Klatte, Eugene C.; Grim, Clarence E.; Weinberger, Myron H.; Donohue, John P.; Yum, Moo Nahm; Wellman, Henry N., 127: 761, 1976
- Adrenals, ultrasound studies**  
new technique for the evaluation of the adrenal gland with gray scale ultrasonography, Sample, W. Frederick, 124: 463, 1977
- Aerosols**  
application of delayed lung imaging following radioaerosol inhalation, Poe, Norman D.; Cohen, Marvin B.; Yanda, Roman L., 122: 739, 1977
- radiocintigraphy in the diagnosis of upper airway obstruction**, Itoh, Harumi; Ishii, Yasushi; Suzuki, Teruyasu; Yenkura, Yoshiharu; Morita, Rikushi; Torizuka, Kanji, 123: 135, 1977
- Aganglionosis**  
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- Age and aging**  
changes in size of normal lateral ventricles during aging determined by computerized tomography (ab), Barron, Stephen A.; Jacobs, Lawrence; Kinkel, William R., 125: 275, 1977  
computerized tomography and intellectual impairment in the elderly (ab), Roberts, Margaret A.; Caird, F. L., 125: 275, 1977  
echocardiographic assessment of a normal adult aging population (ab), Gerstenblith, Gary; Frederiksen, James; Yin, Frank C. P.; Fortuin, Nicholas J.; Lakatta, Edward G.; Weisfeldt, Myron L., 125: 860, 1977
- Albumin**  
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- Alcoholism**  
roentgenographic search for avascular necrosis of the head of the femur in alcoholics and normal adults (ab), Smith, Robert; Bonfiglio, Michael; Dolan, Kenneth, 125: 283, 1977
- Algoneurodystrophy**  
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- Amebiasis**  
radiology of invasive amebiasis of the colon (AJR), Cardoso, J. Manuel; Kimura, Kenji; Stoopen, Miguel; Cervantes, Luis F.; Elizondo, Lizandro; Churchill, Robert; Moncada, Rogelio, 128: 935, 1977
- American Association of Physicists in Medicine**  
AAPM: upcoming events (Cincinnati, Ohio), 123: 188, 1977  
RAPHEX '77 (New York City), 122: 488, 1977
- American Board of Radiology**  
American Board of Radiology examinations, 125: 794, 1977  
special announcement from the American Board of Radiology, 124: 848, 1977
- American College of Medical Imaging**  
course in diagnostic ultrasound, computed tomographic scanning, nuclear medicine, and radiography (Atlanta, Georgia), 123: 282, 1977
- American College of Nuclear Physicians**  
American College of Nuclear Physicians (San Francisco, Calif.), 124: 438, 1977
- American Institute of Ultrasound in Medicine**  
AIUM/ASUTS: annual meeting (22nd) (Dallas, Texas), 125: 222, 1977
- American Society of Ultrasound Technical Specialists**  
AIUM/ASUTS: annual meeting (22nd) (Dallas, Texas), 125: 222, 1977
- Amipaque**  
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- Amlyoidosis**  
amyloidosis causing right middle lobe atelectasis (ab), Thomson, K. R.; Spring, D. B.; Hanson, R. E., 124: 855, 1977  
benign tumors of the lung (SR), Madewell, John E.; Feigin, David S., 12: 175, 1977  
case of the spring season (primary generalized amyloidosis involving the urinary tract and lymph nodes) (SR), Brown, Jerry, 12: 93, 1977
- Anaphylaxis and allergy**  
rapid, simple method of delivering 1:10,000 epinephrine, Segal, Arthur J., 122: 838, 1977
- Anemia, aplastic**  
total-body irradiation with a high-dose-rate linear accelerator for bone-marrow transplantation in aplastic anemia and neoplastic disease, Kim, Tae H.; Kersey, John; Sewchand, Wilfred; Nesbit, Mark E.; Krivit, William; Levitt, Seymour H., 122: 523, 1977
- Anemia, sickle-cell**  
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- Anesthesia**  
angiographic demonstration of growth of hepatocellular carcinoma in the hepatic vein and inferior vena cava, Widrich, Warren C.; Singer, Robert J.; Robbins, Alan H., 124: 37, 1977  
effect of halothane on arterial hepatic flow as reflected at coeliac angiography (ab), Mortenson, W.; Nilsson, J., 125: 279, 1977  
intraarterial analgesia in peripheral arteriography (AJR), Guthaner, Diana F.;

- Silverman, James F.; Hayden, William G.; Wexler, Lewis, 128: 737, 1977
- intra-arterial lidocaine: effective analgesic for peripheral angiography, Gordon, Ira J.; Westcott, Jack L., 124: 43, 1977
- Aneurysm, aortic**
- pseudotumor of the femur from posttraumatic false aneurysm (AJR), Welch, Dennis M.; Gilula, Louis A., 128: 510, 1977
- Aneurysm, aortic**
- abdominal mass in a 62-year-old man (ab), Malt, Ronald A.; Vickery, Jr., Austin L., 122: 284, 1977
- angiographic manifestations of ruptured abdominal aortic aneurysms (AJR), Chisolm, Alvin J.; Sprayregen, Seymour, 127: 769, 1976
- aortic aneurysm causing multiple liver scan defects (AJR), Conte, Patrick J., 128: 516, 1977
- aortic aneurysm in childhood: report of six instances (ab), Chen, Su-chiung; Barner, Hendrick B.; Fagan, Leonard F.; Kaiser, George C.; Mudd, J. F. Gerard; Willman, Vallee L., 123: 251, 1977
- computed tomographic evaluation of aortic aneurysms (ab), Axelbaum, Stewart P.; Schellinger, Dieter; Gomes, Mario N.; Ferris, Robert A.; Hakkal, Halappa G., 123: 829, 1977
- detection of left ventricular aneurysms by cross-sectional echocardiography (ab), Weyman, Arthur E.; Peskoe, Steven M.; Williams, Eric S.; Dillon, James C.; Feigenbaum, Harvey, 123: 831, 1977
- dissecting hematoma of the aorta secondary to blunt chest trauma, Faraci, Richard M.; Westcott, Jack L., 123: 569, 1977
- echocardiographic examination in aortic regurgitation: subaortic aneurysm and flail aortic leaflet (ab), Gaasch, William H.; Cleveland, Richard J., 123: 258, 1977
- echocardiographic oscillating flap in aortic root dissecting aneurysm (ab), Nicholson, W. Jay; Cobbs, Jr., B. Woodfin, 122: 568, 1977
- echographic demonstration of mobility of the dissecting flap of an aortic aneurysm, Curati, Walter-L.; Petitclerc, Robert; Dyrdal, Ihor; Winsberg, Fred, 123: 173, 1977
- improved dynamic and static imaging of abdominal aortic aneurysms, Spies, Stewart M.; Kesala, B. Adrian; Hetzel, Kenneth R.; Singh, Bhurji; Yao, James S. T.; Bergan, John J.; Quinn, III, James L., 124: 505, 1977
- involvement of an aberrant right subclavian artery in dissection of the thoracic aorta: diagnostic and therapeutic implications (AJR), Weinberger, Gerald; Randall, Patricia A.; Parker, Frederick B.; Kieffer, Stephen A., 129: 653, 1977
- mycotic aortic aneurysm in premature infants, Faer, Michael J.; Taybi, Hooshang, 125: 177, 1977
- spontaneous aortic dissection: diagnostic experiences in 32 patients (ab), Schmidt, H. E.; Beck, M., 125: 278, 1977
- tuberculous aortitis: rare cause of mycotic aneurysm of the aorta (AJR), Efremidis, Stavros C.; Lakshmanan, S.; Hsu, John T., 127: 859, 1976
- use of Fogarty catheter tamponade for ruptured abdominal aortic aneurysms (AJR), Ng, Anastacio C.; Ochsner, Edward C., 128: 31, 1977
- Aneurysm, cardiac**
- persistently positive  $^{99m}\text{Tc}$ -pyrophosphate myocardial scintigram in a patient with a left ventricular aneurysm (ab), Curry, Jr. R. Charles, 122: 866, 1977
- radiographic visualization of left ventricular aneurysms on lateral chest film (ab), Kittredge, Richard D.; Gamboa, Benjamin; Kemp, Harvey G., 123: 536, 1977
- Aneurysm, carotid**
- aneurysms of the petrous portion of the internal carotid artery (ab), Morantz, Robert A.; Kirchner, Fernando R.; Kishore, Pulla, 123: 820, 1977
- Aneurysm, carotid-ophthalmic**
- carotid-ophthalmic aneurysms (ab), Sengunta, R. P.; Gryspeerd, Gordon L.; Hankinson, John, 125: 276, 1977
- Aneurysm, cerebral**
- angio-tomographic aspects of cerebral aneurysms and angiomas (ab), Nadjmi, M.; Bushe, K. A.; Ratzka, M.; Moissl, G., 124: 565, 1977
- detection of subarachnoid blood clot and other thin flat structures by computed tomography, Lim, Samuel T.; Sage, Donald J., 123: 79, 1977
- pathogenesis of peripheral aneurysms of the central nervous system: subject review from the AFIP, Olmsted, William W.; McGee, Thomas P., 123: 661, 1977
- tumorous aneurysms (ab), Sarwar, Mohammad; Batnitzky, Solomon; Schechter, Mannie M., 124: 565, 1977
- Aneurysm, coronary**
- mucocutaneous lymph node syndrome with coronary artery aneurysm (ab), Radford, Dorothy J.; Sondheimer, Henry M.; Williams, Gordon J.; Fowler, Rodney S., 122: 566, 1977
- Aneurysm, dissecting**
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- Aneurysm, hepatic**
- mycotic aneurysm of the hepatic artery: case diagnosed with radionuclide imaging and ultrasound, Sukerker, Arun N.; Dulay, Conchita C.; Anandappa, Eugene; Asokan, Sangarappillai, 124: 444, 1977
- Aneurysm, hypoglossal**
- persistent hypoglossal artery associated with aneurysms: report of two cases (ab), Kodama, Namio; Ohara, Hiroo; Suzuki, Jiro, 123: 820, 1977
- Aneurysm, intracranial**
- angiography study of the growth of intracranial aneurysms (ab), Allcock, John M.; Canham, Peter B., 125: 563, 1977
- bilateral intracranial arterial aneurysms with a persistent trigeminal artery (ab), Kosnik, Edward J.; Meagher, John N.; Taylor, Gordon, 125: 847, 1977
- computed tomographic evaluation of hemorrhage secondary to intracranial aneurysms (ab), Davis, Kenneth R.; New, Paul F. J.; Ojemann, Robert G.; Crowell, Robert M.; Morawetz, Richard B.; Roberson, Glenn H., 123: 830, 1977
- computed tomography in the evaluation of intracranial aneurysms and subarachnoid hemorrhage, Scotti, Giuseppe; Ethier, Romeo; Melancon, Denis; Terbrugge, Karel; Tchang, Stanley, 123: 85, 1977
- Aneurysm, mycotic**
- mycotic aneurysm of the hepatic artery: case diagnosed with radionuclide imaging and ultrasound, Sukerker, Arun N.; Dulay, Conchita C.; Anandappa, Eugene; Asokan, Sangarappillai, 124: 444, 1977
- mycotic aneurysm of the hepatic artery causing obstructive jaundice (AJR), Mojab, Kamal; Lim, Leonardo T.; Esfahani, Fraydoon; Portela, Luiz, 128: 143, 1977
- mycotic aneurysm of the mitral valve complicating aortic valve endocarditis (AJR), Barack, Bruce M.; Grollman, Jr., J. H.; Olinger, Gordon N.; Levisman, Jorge A.; MacAlpin, Rex N., 128: 308, 1977
- mycotic aortic aneurysm in premature infants, Faer, Michael J.; Taybi, Hooshang, 125: 177, 1977
- Aneurysm, peripancreatic**
- aneurysms secondary to pancreatitis (AJR), White, Alan F.; Baum, Stanley; Buranasiri, Sumalee, 127: 393, 1976
- Aneurysm, popliteal**
- ultrasound scan in diagnosis of peripheral aneurysms (ab), Davis, Robert P.; Nieman, Harvey L.; Yao, James S. T.; Bergan, John J., 124: 577, 1977
- Aneurysm, rupture**
- aneurysm rupture during angiography: does acute vasospasm occur? (ab), Wilkins, Robert H., 122: 559, 1977
- angiographic manifestations of ruptured abdominal aortic aneurysms (AJR), Chisolm, Alvin J.; Sprayregen, Seymour, 127: 769, 1976
- spontaneous rupture of an iliac artery aneurysm into a ureter: case report and review of the literature (ab), Rennick, John M.; Link, Daniel P.; Palmer, John M., 122: 283, 1977
- use of Fogarty catheter tamponade for ruptured abdominal aortic aneurysms (AJR), Ng, Anastacio C.; Ochsner, Edward C., 128: 31, 1977
- Aneurysm, splenic**
- extra- and intrasplenic artery aneurysms in portal hypertension, Feist, John H.; Gajraj, Arcot, 125: 331, 1977
- Angina pectoris**
- distribution of coronary artery disease: predictions by echocardiography (ab), Dortimer, Anthony C.; DeJoseph, Robert L.; Shiroff, Robert A.; Liedtke, James; Zelis, Robert, 123: 257, 1977
- incidence of congenital anomalies of the coronary arteries in the adult population, Baltaxe, Harold A.; Wixson, David, 122: 47, 1977
- natural history of unstable angina with medical or surgical therapy (ab), Bertolasi, Carlos A.; Tronze, Jorge E.; Riccitelli, Miguel A.; Villamayor, Rosa Maria; Zuffardi, Ezio, 123: 252, 1977
- Angiocardiography**
- See also Angiography; Coronary angiography; under diseases, organs, and regions, as Coronary vessels; Heart; Mitral valve; etc.
- angiocardiography after total correction of tetralogy of Fallot using large homograft arteries (AJR), Fujino, Masaoki; Kozuka, Takahiro; Yokota, Kanji; Ohta, Mitsushige; Kawashima, Yasunaru; Kitamura, Soichiro; Ohyama, Choken; Tomokuni, Takashi; Sato, Kenji, 128: 243, 1977
- functional evaluation of the heart by angiocardiography (ab), Carlsson, Erik, 122: 284, 1977
- regional distribution of coronary blood flow during left ventriculography in anesthetized dogs, Shaw, David D.; Wolf, Gerald L.; Baltaxe, Harold A.; Kraft, Linda J.; Kilzer, Karen L., 123: 773, 1977
- Angiocardiography, radionuclide**
- improved  $^{191}\text{Os}$ - $^{191m}\text{Ir}$  generator for radionuclide angiocardiography, Hnatowich, Donald J.; Kulprathipanja, Santi; Treves, Salvador, 123: 189, 1977
- radionuclide cardioangiography of an adjunct to acute myocardial infarct scintigraphy (ab), Kan, Michael K.; Hopkins, G. Bruce, 124: 287, 1977
- Angiocardiography, technique**
- approximation of the left ventricle by a cone of revolution using biplane measurements, Beranek, Ivo; Moore, Richard; Kim, Sung; Amplatz, Kurt, 125: 597, 1977
- Angiofibroma**
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- Angiography**
- advances in angiography (4th) (Pittsburgh, Pa.), 125: 106, 1977
- angiography: 1977 (Boston, Mass.), 124: 336, 1977
- atlas of angiography (bk rev), Loose, K. E.; van Dongen, R. J. A. M., eds., Reviewed by Weckstein, Malcolm L., 124: 330, 1977
- course on diagnostic and therapeutic angiography (New Orleans, La.), 125: 106, 1977
- fundamentals of vascular radiology (bk rev), White, Jr., Robert I., Reviewed by Athanasoulis, Christos A., 125: 330, 1977
- percutaneous angiography (bk rev), Srikantaswamy, Siddalingappa; Segal, Lewis Irwin; Chandramouli, Siddalingappa, Reviewed by Wholey, Mark H., 125: 688, 1977
- surgery and the progression of the occlusive process in patients with peripheral vascular disease, Morris, Paul E.; Hessel, Samuel J.; Couch, Nathan P.; Adams, Douglass F., 124: 343, 1977
- Angiography, apparatus and equipment**
- application of a new torque wire in visceral, extremity, and neuroangiography, Hawkins, Jr., Irvin F.; Melichar, Frank A., 125: 821, 1977
- new simple power injector (AJR), Leslie, James; Amplatz, Kurt; Korbuly, Dominic; Waltz, Frederick, 128: 381, 1977
- reuse of disposable catheters and guide wires, Ravin, Carl E.; Koehler, P. Ruben, 122: 577, 1977
- simultaneous electronic and small format photofluorographic angiography, Grollman, Jr., Julius H.; Borger, David; Moler, Charles, 123: 791, 1977
- technology of balloon catheters in interventional angiography, Wholey, Mark H., 125: 671, 1977
- Angiography, complications**
- autonomic dysreflexia: unusual radiologic complication, Fleischman, Scott; Shah, Paresh, 124: 695, 1977
- pressure dressings and postangiographic care of femoral puncture site, Eisenberg, Ronald L.; Mani, Richard L., 122: 677, 1977
- redistribution of renal blood flow caused by contrast media, Tadavarthy, S. Jothy; Castaneda-Zuniga, W. R.; Amplatz, Kurt, 122: 343, 1977
- thromboembolic complications of angiography for peripheral arterial disease: prospective assessment by Doppler ultrasound, Barnes, Robert W.; Slaymaker, Earlene E.; Hahn, Francis J. Y., 122: 459, 1977
- vascular complications following needle puncture of the liver: clinical angiography (ab), Hellekant, C., 122: 566, 1977
- Angiography, indications**
- angiographic features of fibromas and fibrosarcomas, Yaghai, Issa, 124: 57, 1977



- arteriography of a bleeding duodenal diverticulum (ab), Ghahremani, Gary G.; Hietala, Sven-Ola, 125: 855, 1977
- myositis ossificans: diagnostic value of arteriography (AJR), Yaghamai, Issa, 128: 811, 1977
- peripheral arterial disease: assessment by arteriography and alternative noninvasive measurements (AJR), Fitzgerald, D. E.; Carr, J., 128: 385, 1977
- role of angiography in the diagnosis of tracheal-innominate artery fistula (AJR), Conrad, Melvyn R.; Cameron, John; White, Jr., Robert L., 128: 35, 1977
- subselective angiography in localizing insulinomas of the pancreas (AJR), Clouse, Melvin E.; Costello, Philip; Legg, Merle A.; Soeldner, Stuart J.; Cady, Blake, 128: 741, 1977
- superior mesenteric artery embolization: angiographic emergency, Kaufman, Stephen L.; Harrington, Donald P.; Siegelman, Stanley S., 124: 625, 1977
- Angiography, radionuclide**  
interventricular septal motion and left ventricular function after coronary bypass surgery: evaluation with echocardiography and radionuclide angiography (ab), Righetti, Alberto; Crawford, Michael H.; O'Rourke, Robert A.; Schelbert, Heinz; Daily, Pat O.; Ross, Jr., John, 124: 861, 1977
- Angiography, technique**  
angiographic demonstration of growth of hepatocellular carcinoma in the hepatic vein and inferior vena cava, Widrich, Warren C.; Singer, Robert J.; Robbins, Alan H., 124: 37, 1977
- "blind" femoral angiography, Lynch, William A.; Westcott, Jack L., 125: 379, 1977
- intraarterial analgesia in peripheral arteriography (AJR), Guthaner, Diana F.; Silverman, James F.; Hayden, William G.; Wexler, Lewis, 128: 737, 1977
- intra-arterial lidocaine: effective analgesic for peripheral angiography, Gordon, Ira J.; Westcott, Jack L., 124: 43, 1977
- micro-balloon catheter for superselective angiography and therapeutic occlusion (AJR), Pevsner, Paul H., 128: 225, 1977
- pressure dressings and postangiographic care of femoral puncture site, Eisenberg, Ronald L.; Mani, Richard L., 122: 677, 1977
- transumbilical selective angiography in the newborn, Gordon, David H.; Kassner, E. George; Haller, Jack O.; Yoon, J. J., 125: 248, 1977
- value of systemic arterial heparinization in transfemoral angiography: prospective study (ab), Antonovic, Ruza; Rosch, Josef; Dotter, Charles T., 123: 252, 1977
- Angioma**  
angiographic diagnosis of telangiectases with cavernous angioma of the posterior fossa: report of two cases (ab), Diamond, C.; Torvik, A.; Amundsen, P., 123: 534, 1977
- angio-tomographic aspects of cerebral aneurysms and angiomas (ab), Nadimi, M.; Bushe, K. A.; Ratzka, M.; Moissl, G., 124: 565, 1977
- arterial-portal venous shunting in cavernous hemangioma of the liver, Winograd, Jeffery; Palubinskas, Alphonse J., 122: 331, 1977
- benign tumors of the lung (SR), Madewell, John E.; Feigin, David S., 12: 175, 1977
- capillary hemangioma of the lung, Brill, Paula W.; Synychch, Paul; Winchester, Patricia, 124: 184, 1977
- cranial computed tomographic scan  
appearance of Sturge-Weber disease: unusual presentation, Enzmann, Dieter R.; Hayward, R. W.; Norman, David; Dunn, R. P., 122: 721, 1977
- hemangioblastoma of the spinal cord: review and report of five cases (ab), Browne, Thomas R.; Adams, Raymond D.; Roberson, Glenn H., 123: 255, 1977
- hemorrhage in bilateral choroid plexus hemangiomas demonstrated by computed tomography: case report (ab), Towfighi, Javad; Bilaniuk, Larissa T.; Zimmerman, Robert A.; Langfitt, Thomas A.; Gonatas, Nicholas K., 123: 248, 1977
- hepatic cavernous hemangiomas and hemangioendotheliomas in infancy (AJR), Stanley, Philip; Gates, Gary F.; Eto, Ross T.; Miller, Shelby W., 129: 317, 1977
- hepatic hemangiomatosis: successful management by hepatic artery ligation (ab), Laird, W. Pennock; Friedman, Sidney; Koop, C. Everett; Schwartz, George J., 122: 562, 1977
- infantile hepatic hemangioendothelioma: surviving case, Tewfik, Hamed; Latourette, Howard; Christie, James H.; Tewfik, Ferial, 123: 723, 1977
- intracranial cavernous angioma (AJR), Bartlett, John E.; Kishore, Pulla R. S., 128: 653, 1977
- juvenile nasopharyngeal angiofibroma: radiographic aspects (ab), Sessions, Roy B.; Wills, Paul L.; Alford, Bobby R.; Harrell, James E.; Evans, Robert A., 122: 274, 1977
- lymphangioma of the pancreas exhibiting an unusual pattern of calcification, Hanelin, Laurence G.; Schimmel, Daniel H., 122: 636, 1977
- multiple primary hemangiomas of bone (AJR), Karlin, Charles A.; Brower, Anne C., 129: 162, 1977
- radiation-induced cerebrovascular disease in children (ab), Wright, Thomas L.; Bresnan, Michael J., 122: 575, 1977
- skeletal and splenic hemangiomatosis with consumption coagulopathy: response to splenectomy (ab), Dadash-Zadeh, Mahboubeh; Czapke, Emily E.; Schwartz, Allen D., 122: 284, 1977
- some important radiological aspects of the kidney in Hippel-Lindau syndrome: value of prospective study in an affected family, Lee, Kyo Rak; Wulfsberg, Einer; Kepes, John J., 122: 649, 1977
- tomography in expansile lesions of the nasal and paranasal sinuses, Dubois, Philip J.; Schultz, Joseph C.; Perrin, Ronald L.; Dastur, Kurshed J., 125: 149, 1977
- use of computed axial tomography (CAT) for the diagnosis and management of intracranial angiomas (ab), Kendall, B. E.; Claveria, L. E., 124: 564, 1977
- Angiotensin**  
comparison of a vasoconstrictor and a vasodilator in pharmacocardiography of bone and soft-tissue tumors, Ekelund, Leif; Laurin, Sven; Lunderquist, Anders, 122: 95, 1977
- Ankle**  
calcaneal abnormalities in articular disorders: rheumatoid arthritis, ankylosing spondylitis, psoriatic arthritis, and Reiter syndrome, Hesnick, Donald; Feingold, Mitchell L.; Curd, John; Niwayama, Gen; Goergen, Thomas G., 125: 355, 1977
- instability of the subtalar joint: diagnosis by stress tomography in three cases (ab), Brantigan, J. W.; Pedegana, L. R.; Lippert, F. G., 125: 283, 1977
- radiographic study of the ligamentous anatomy of the ankle, Kaye, Jeremy J.; Bohne, Walther H. O., 125: 659, 1977
- Ankle, arthrography**  
arthrography in the diagnosis of ligament injuries and classification of ankle injuries, Ala-Ketola, Lasse; Puranen, Jaakko; Koivisto, Erkki; Puupera, Markku, 125: 63, 1977
- Ankle, wounds and injuries**  
arthrography in the diagnosis of ligament injuries and classification of ankle injuries, Ala-Ketola, Lasse; Puranen, Jaakko; Koivisto, Erkki; Puupera, Markku, 125: 63, 1977
- posttraumatic adhesive capsulitis of the ankle: arthrographic diagnosis (AJR), Goldman, Amy Beth; Katz, Monique C.; Freiburger, Robert H., 127: 585, 1976
- subtle transcondral fractures of the talar dome: radiological perspective, Smith, Gerald R.; Winquist, Robert A.; Allan, T. Noel K.; Northrop, Curtis H., 124: 667, 1977
- Ankylosis**  
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- Anorexia nervosa**  
anorexia nervosa—paucity of radiologic findings in more than fifty patients (ab), Haller, Jack O.; Slovis, Thomas L.; Baker, D. H.; Berdon, Walter E.; Silverman, J. A., 125: 285, 1977
- Antibiotics, side effects**  
roentgenographic features in antibiotic-associated pseudomembranous colitis (ab), Cho, Kyung J.; Ting, Yoch Ming; Chuang, Vincent P.; Lee, Inkyu, 123: 253, 1977
- Anticoagulants**  
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- Antigens and antibodies**  
See Immunity
- Anus**  
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- Aorta**  
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- Aorta, abnormalities**  
See also Transposition of great vessels  
interrupted aortic arch in infancy (ab), Collins-Nakai, Ruth L.; Dick, Macdonald; Parisi-Buckley, Lucy; Flyer, Donald C.; Castaneda, Aldo, 123: 823, 1977
- Aorta, aneurysm**  
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- Aorta, calcification**  
visibility of intrapericardiac segment of ascending aorta on conventional lateral chest films (ab), Bergstrand, G.; Szamosi, A., 123: 536, 1977
- Aorta, catheterization**  
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- Aorta, coarctation**  
See Aorta, stenosis
- Aorta, dissecting**  
See Aneurysm, aortic
- Aorta, inflammation**  
aortitis: pathologic, clinical and arteriographic review (ab), Lande, Adam; Berkmen, Yahya M., 122: 284, 1977
- tuberculous aortitis: rare cause of mycotic aneurysm of the aorta (AJR), Efremidis, Stavros C.; Lakshmanan, S.; Hsu, John T., 127: 859, 1976
- Aorta, insufficiency**  
flutter of left ventricular structures in patients with aortic regurgitation, with special reference to patients with associated mitral stenosis (ab), D'Cruz, Ivan; Cohen, Howard C.; Prabhu, Ravindra; Ayabe, Takao; Glick, Gerald, 123: 542, 1977
- Aorta, rupture**  
new radiographic sign of acute traumatic rupture of the thoracic aorta: displacement of the nasogastric tube to the right, Tisnado, Jaime; Tsai, Fong Y.; Ais, Ann; Roach, John F., 125: 603, 1977
- Aorta, stenosis**  
aortic aneurysm in childhood: report of six instances (ab), Chen, Su-chiung; Barner, Hendrick B.; Fagan, Leonard F.; Kaiser, George C.; Mudd, J. F.; Gerard, Willman, Vallee L., 123: 251, 1977
- aortic stenosis: echocardiographic cusp separation and surgical description of aortic valve in 22 patients (ab), Chang, Sonia; Clements, Stephen; Chang, John, 125: 286, 1977
- appearance of the interventricular septum in obstructive lesions of the left ventricular outflow tract (AJR), Baltaxe, Harold A.; Levin, Aaron R.; Alonso, Daniel R., 127: 573, 1976
- cross-sectional echocardiographic assessment of the severity of aortic stenosis in children (ab), Weyman, Arthur E.; Feigenbaum, Harvey; Hurwitz, Roger A.; Girod, Donald A.; Dillon, James C., 125: 286, 1977
- echocardiographic assessment of the severity of aortic stenosis in children and adolescents (ab), Glanz, Sidney; Hellenbrand, William E.; Berman, Michael A.; Talner, Norman S., 122: 861, 1977
- echocardiographic evaluation of fixed left ventricular outflow obstruction in children: pre and postoperative assessment of ventricular systolic pressures (ab), Johnson, Gregory L.; Meyer, Richard A.; Schwartz, David C.; Korfhagen, Joan; Kaplan, Samuel, 125: 859, 1977
- echocardiographic studies of abnormalities associated with coarctation of the aorta (ab), Scovil, James A.; Nanda, Navin C.; Gross, Charles M.; Lombardi, Anthony C.; Gramiak, Raymond; Lipchik, Elliot O.; Manning, James A., 122: 570, 1977
- left ventricular function by echocardiography in children with fixed aortic stenosis (ab), Johnson, Gregory L.; Meyer, Richard A.; Schwartz, David C.; Korfhagen, Joan; Kaplan, Samuel, 122: 861, 1977
- long segment (tunnel) subaortic stenosis (ab), Roelandt, Jos; van Dorp, Win G., 125: 860, 1977
- pseudoejection sound in hypertrophic subaortic stenosis: echocardiographic correlation (ab), Sze, Karl C.; Shiah, Pravin M., 123: 542, 1977
- ruptured aneurysm 20 years after surgery for coarctation of the aorta (AJR), Unger, Edward L.; Marsan, Richard E., 129: 329, 1977
- supracristal ventricular septal defects: spectrum of associated lesions and complications (AJR), Jaffe, Richard B.; Scherer, James L., 128: 629, 1977
- Takayasu's arteritis and congenital coarctation

- of the descending thoracic and abdominal aorta: critical review (ab), Lande, Adam, 123: 251, 1977
- Winslow's pathway: rare collateral channel in infrarenal aortic occlusion (AJR), Prager, Robert J.; Akin, John R.; Akin, Gwynn C.; Binder, Robert J., 128: 485, 1977
- Aorta, surgery**  
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- Aorta, ultrasound studies**  
aortic regurgitation associated with ventricular septal defect: echocardiographic and hemodynamic observations (ab), Mehta, Jawahar; Wang, Yang; Lawrence, Cheryl; Cohn, Jay N., 125: 859, 1977
- cross-sectional echocardiographic assessment of the severity of aortic stenosis in children (ab), Weyman, Arthur E.; Feigenbaum, Harvey; Hurwitz, Roger A.; Girod, Donald A.; Dillon, James C., 125: 286, 1977
- echocardiographic evaluation of fixed left ventricular outlet obstruction in children: pre and postoperative assessment of ventricular systolic pressures (ab), Johnson, Gregory L.; Meyer, Richard A.; Schwartz, David C.; Korfhagen, Joan; Kaplan, Samuel, 125: 859, 1977
- echocardiographic examination in aortic regurgitation: subaortic aneurysm and flail aortic leaflet (ab), Gaasch, William H.; Cleveland, Richard J., 123: 258, 1977
- echocardiography in Wolff-Parkinson-White syndrome (ab), Chandra, Michael S.; Kerber, Richard E.; Brown, Donald D.; Funk, David C., 122: 570, 1977
- echocardiography of the aortic root (ab), Nanda, Navin C., 125: 0574, 1977
- echographic demonstration of mobility of the dissecting flap of an aortic aneurysm, Curati, Walter L.; Petitclerc, Robert; Dyrda, Ihor; Winsberg, Fred, 123: 173, 1977
- influence of left ventricular stroke volume on aortic root motion: an echocardiographic study (ab), Pratt, Richard C.; Parisi, Alfred F.; Harrington, James J.; Sasahara, Arthur A., 122: 570, 1977
- long segment (tunnel) subaortic stenosis (ab), Roelandt, Jos; van Dorp, Win G., 125: 860, 1977
- posterior aortic wall echocardiogram: its relationship to left atrial volume change (ab), Strunk, Brian L.; Fitzgerald, John W.; Lipton, Martin; Popp, Richard L.; Barry, William H., 123: 258, 1977
- pseudoejection sound in hypertrophic subaortic stenosis: echocardiographic correlation (ab), Sze, Karl C.; Shah, Pravin M., 123: 542, 1977
- pulsed Doppler studies in B-mode ultrasound scanning, Yeh, En-Lin; Meade, Robert C., 122: 521, 1977
- Aorta, wounds and injuries**  
dissecting hematoma of the aorta secondary to blunt chest trauma, Faraci, Richard M.; Westcott, Jack L., 123: 569, 1977
- Aortic Arch**  
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- Aortic valve**  
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- Aortic valve, diseases**  
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- Aortic valve, inflammation**  
mycotic aneurysm of the mitral valve complicating aortic valve endocarditis (AJR), Barack, Bruce M.; Grollman, Jr., J. H.; Olinger, Gordon N.; Levisman, Jorge A.; MacAlpin, Rex N., 128: 308, 1977
- Aortic valve, insufficiency**  
supracristal ventricular septal defects: spectrum of associated lesions and complications (AJR), Jaffe, Richard B.; Scherer, James L., 128: 629, 1977
- Aortic valve, prostheses**  
diagnosis of Bjork-Shiley aortic valve dysfunction by echocardiography (ab), Chandraratna, P. A. N.; Lopez, Jose M.; Hildner, Frank J.; Samet, Philip; Ben-Zvi, Jeremiahou, 123: 542, 1977
- echocardiographic diagnosis of a stuck Bjork-Shiley aortic valve prosthesis (ab), Srivastava, T. Narain; Hussain, Mohammed; Gray, Jr., Laman A.; Flowers, Nancy C., 122: 286, 1977
- Aortic valve, regurgitation**  
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- Aortic valve, rupture**  
echocardiographic manifestations of aortic cusp rupture in a myxomatous aortic valve (ab), Estevez, Carlos M.; Dillon, James C.; Walker, Patrick D.; Feigenbaum, Harvey; Chang, Sonia, 122: 286, 1977
- phonocardiographic and echocardiographic features of ruptured aortic valvular cusp (ab), Corrigan, Denton; Strunk, Brian L.; Popp, Richard L., 122: 285, 1977
- Aortic valve, stenosis**  
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- Aortic valve, thrombus**  
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- Aortic valve, ultrasound**  
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- assessment of left ventricular function in severe aortic regurgitation (ab), Johnson, Allen D.; Alpert, Joseph S.; Francis, Gary S.; Vieweg, W. Victor; Hagan, Arthur D., 123: 832, 1977
- complete heart block in a case of idiopathic hypertrophic subaortic stenosis: noninvasive correlates with the timing of atrial systole (ab), Spilkin, Stephen; Mitha, Abdul S.; Matisson, Rodney E.; Chesler, Elliot, 124: 283, 1977
- diagnosis of Bjork-Shiley aortic valve dysfunction by echocardiography (ab), Chandraratna, P. A. N.; Lopez, Jose M.; Hildner, Frank J.; Samet, Philip; Ben-Zvi, Jeremiahou, 123: 542, 1977
- echocardiographic diagnosis of a stuck Bjork-Shiley aortic valve prosthesis (ab), Srivastava, T. Narain; Hussain, Mohammed; Gray, Jr., Laman A.; Flowers, Nancy C., 122: 286, 1977
- echocardiographic findings in a patient with candida endocarditis of the aortic valve (ab), Arvan, Stephen; Cagin, Norman; Levitt, Barrie; Kleid, Jack J., 122: 568, 1977
- echocardiographic manifestations of aortic cusp rupture in a myxomatous aortic valve (ab), Estevez, Carlos M.; Dillon, James C.; Walker, Patrick D.; Feigenbaum, Harvey; Chang, Sonia, 122: 286, 1977
- mid-diastolic aortic valve opening in severe acute aortic regurgitation (ab), Weaver, Walt F.; Wilson, Charles S.; Rourke, Terry; Caudill, Christopher C., 124: 282, 1977
- phonocardiographic and echocardiographic features of ruptured aortic valvular cusp (ab), Corrigan, Denton; Strunk, Brian L.; Popp, Richard L., 122: 285, 1977
- systolic retraction of the aortic valve in mitral valve prolapse: echocardiographic correlation with external pulse tracings (ab), Howard, Paul F.; Desser, Kenneth B.; Benchimol, Alberto, 124: 861, 1977
- Aortography**  
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- Aortography, apparatus and equipment**  
six French catheter in arch aortography, Eisenberg, Ronald L.; Mani, Richard L., 125: 822, 1977
- Aortography, technique**  
PDA syndrome in preterm infants: technique of single film aortography and other diagnostic radiographic criteria (ab), Lachman, Ralph S.; Pfisterer, William F.; Herman, Martin W.; Prewitt, Leland H.; Maenza, Ronald; Cole, Solon; Thiebault, Donald W., 125: 279, 1977
- subtraction technique in intravenous aortography, Mikkelsen, William J.; Yim, Gary Y. S.; Bandrevics, Vidvuds; James, David R., 123: 231, 1977
- translumbal aortography: study of its safety and usefulness (ab), Szilagyi, D. Emerick; Smith, Roger P.; Elliott, Jr., Joseph P.; Hageman, John H., 124: 855, 1977
- ultrasonic aortography: unexpected findings (AJR), Lee, Timothy G.; Henderson, Sidney C., 128: 273, 1977
- use of a 5 French catheter with multiple side holes in abdominal aortography, Mani, Richard L.; Helms, Clyde A.; Eisenberg, Ronald L., 123: 233, 1977
- Appendicitis**  
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- value of the barium enema in the diagnosis of acute appendicitis (ab), Rajagopalan, Arjun E.; Mason, James H.; Kennedy, Michael; Pawlikowski, James, 124: 857, 1977
- Appendix**  
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- intussusception of the appendix in children (ab), Atkinson, George O.; Gay, Jr., Brit B.; Naffis, Darius, 123: 539, 1977
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- Appendix, rupture**  
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- Aqueduct of Sylvius**  
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- Arachnoid**  
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- epidermoid tumors with intraventricular and subarachnoid fat: report of two cases (AJR), Laster, D. Wayne; Moody, Dixon M.; Ball, Marshall R., 128: 504, 1977
- human spinal arachnoid villi and granulations (ab), Kido, D. K.; Gomez, D. G.; Pavese, Jr., A. M.; Potts, D. G., 124: 279, 1977
- Arachnoid, cysts**  
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- Arachnoid, hemorrhage**  
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- tentorium in axial section. I. normal CT appearance and non-neoplastic pathology, Naidich, Thomas P.; Leeds, Norman E.; Kricheff, Irvin I.; Pudlowski, Rochelle M.; Naidich, James B.; Zimmerman, Robert D., 123: 631, 1977
- Arachnoid, inflammation**  
arachnoiditis following myelography with water-soluble agents: role of contrast medium osmality, Haughton, Victor M.; Ho, Khang-Cheng; Unger, George F., 125: 731, 1977
- experimental production of arachnoiditis with water-soluble myelographic media, Haughton, Victor M.; Ho, Khang-Cheng; Larson, Sanford J.; Unger, George F.; Correa-Paz, Francisco, 123: 681, 1977
- postoperative myelogram: radiographic evaluation of arachnoiditis and dural/arachnoid tears, Quencer, Robert M.; Tenner, Michael S.; Rothman, Lewis, 123: 667, 1977
- Arachnoiditis**  
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- Armed Forces Institute of Pathology**  
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- Arteries, basilar**  
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- basilar artery ectasia demonstrated by computed tomography, Peterson, Neil T.; Duchesneau, Paul M.; Westbrook, Edward L.; Weinstein, Meredith A., 122: 713, 1977
- cardiopulmonary dimensions: stability over a long period (AJR), Simon, George; Gamsu, Gordon, 128: 239, 1977
- Arteries, brachiocephalic**  
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- tracheomalacia after esophageal atresia (ab), Sauvage, J.; Bohu, D.; Lallemand, D., 124: 273, 1977
- Arteries, bronchial**  
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- Arteries, carotid**  
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- Arteries, celiac**  
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- Arteries, cerebral**  
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- Arteries, choroidal**  
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- Arteries, coronary**  
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- Arteries, cortical**  
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- Arteries, external iliac**  
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- Arteries, femoral**  
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 angiosarcoma of superficial femoral artery with distal embolization, Otto, Rainer C.; Pouliadis, Grigoris P.; Bollinger, Alfred, 123: 310, 1977  
 arteriographic evaluation of the femoral bifurcation: value of the ipsilateral anterior oblique projection (AJR), McDonald, Jr., Eugene J.; Malone, James M.; Eisenberg, Ronald L.; Mani, Richard L., 127: 955, 1976  
 "blind" femoral angiography, Lynch, William A.; Westcott, Jack L., 125: 379, 1977  
 hemodynamic assessment of obstructive aortoiliac disease (AJR), Castaneda-Zuniga, W. R.; Knight, Laura; Formanek, Augustin; Moore, Richard; d'Souza, Vincent; Amplatz, Kurt, 127: 559, 1976  
 peripheral arterial disease: assessment by arteriography and alternative noninvasive measurements (AJR), Fitzgerald, D. E.; Carr, J., 128: 385, 1977  
 persistent primitive sciatic artery, Nicholson, Richard L.; Pastershank, Stephen P.; Bharadwaj, Baikunth B., 122: 687, 1977  
 pressure dressings and postangiographic care of femoral puncture site, Eisenberg, Ronald L.; Mani, Richard L., 122: 677, 1977  
 sodium nitroprusside in the treatment of ergotism, O'Dell, Jr., Charles W.; Davis, Gary B.; Johnson, Allen D.; Safdi, Michael A.; Brant-Zawadzki, Michael; Bookstein, Joseph J., 124: 73, 1977
- Arteries, hepatic**  
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 effects of experimental hepatic artery embolization on hepatic function (AJR), Cho, Kyung Jae; Reuter, Stewart R.; Schmidt, Robert, 127: 563, 1976  
 hepatic hemangiomas: successful management by hepatic artery ligation (ab), Laird, W. Pennock; Friedman, Sidney; Koop, C. Everett; Schwartz, George J., 122: 562, 1977  
 mycotic aneurysm of the hepatic artery: case diagnosed with radionuclide imaging and ultrasound, Sukerkar, Arun N.; Dulay, Conchita C.; Anandappa, Eugene; Asokan, Sangarappillai, 124: 444, 1977  
 mycotic aneurysm of the hepatic artery causing obstructive jaundice (AJR), Mojab, Kamal; Lim, Leonardo T.; Esfahani, Fraydoon; Portela, Luiz, 128: 143, 1977  
 renal infarction: complication of Gelfoam embolization of a hemangioendothelioma of the liver (AJR), Tegtmeyer, Charles J.; Smith, Thomas H.; Shaw, Anthony; Barwick, Kenneth W.; Kattwinkel, John, 128: 305, 1977  
 therapeutic vascular occlusion utilizing steel coil technique: clinical applications (AJR), Wallace, Sidney; Gianturco, Cesare; Anderson, James H.; Goldstein, Harvey M.; Davis, L. John; Bree, Robert L., 127: 381, 1976
- Arteries, iliac**  
 hemodynamic assessment of obstructive aortoiliac disease (AJR), Castaneda-Zuniga, W. R.; Knight, Laura; Formanek, Augustin; Moore, Richard; d'Souza, Vincent; Amplatz, Kurt, 127: 559, 1976  
 scrotal "arteriocele" from iliac artery occlusion (AJR), Conroy, Robert M.; Molen, Ronald L.; Vander, 127: 670, 1976  
 spontaneous rupture of an iliac artery aneurysm into a ureter: case report and review of the literature (ab), Rennick, John M.; Link, Daniel P.; Palmer, John M., 122: 283, 1977  
 therapeutic vascular occlusion utilizing steel coil technique: clinical applications (AJR), Wallace, Sidney; Gianturco, Cesare; Anderson, James H.; Goldstein, Harvey M.; Davis, L. John; Bree, Robert L., 127: 381, 1976
- Arteries, inflammation**  
 extracranial angiographic findings in giant cell (temporal) arteritis (AJR), Stanson, Anthony W.; Klein, Robert G.; Hunder, Gene G., 127: 957, 1976
- Arteries, mammary**  
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- Arteries, mesenteric**  
 control of variceal bleeding by superior mesenteric artery vasopressin infusion (AJR), Kaufman, Stephen L.; Harrington, Donald P.; Barth, Klemens H.; Maddrey, Willis C.; White, Jr., Robert I., 128: 567, 1977  
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- Arteries, ovarian**  
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- Arteries, pharyngeal**  
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- Arteries, phrenic**  
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- Arteries, popliteal**  
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- Arteries, profunda femoris**  
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- Arteries, pudendal**  
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- Arteries, pulmonary**  
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- Arteries, spinal**  
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- Arteries, splenic**  
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- Arteries, subclavian**  
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- Arteries, temporal**  
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- Arteries, trigeminal**  
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- Arteries, umbilical**  
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- Arteries, vertebral**  
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- Arteriovenous malformations**  
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- Arthritis**  
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 congenital syphilis with syphilitic arthritis, Harris, Vivian J.; Jimenez, Carlos A.; Vidyasagar, Dharmapuri, 123: 416, 1977  
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- Arthritis, rheumatoid**  
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- calcaneal abnormalities in articular disorders: rheumatoid arthritis, ankylosing spondylitis, psoriatic arthritis, and Reiter syndrome, Resnick, Donald; Feingold, Mitchell L.; Curd, John; Niwayama, Gen; Goergen, Thomas G., 125: 355, 1977
- echocardiographic study of the cardiac involvement in rheumatoid arthritis (ab), Hernandez-Lopez, Edgardo; Chahine, Robert A.; Anastasiades, Pantelis; Reizner, Albert E.; Lidsky, Martin D., 125: 860, 1977
- intervertebral disk calcification associated with spine fusion, Dussault, Robert G.; Kaye, Jeremy J., 125: 57, 1977
- juvenile ankylosing spondylitis, Kleinman, Paul; Rivels, Marcos; Schneider, Robert; Kaye, Jeremy J., 125: 775, 1977
- mixed connective tissue disease: spectrum of radiographic manifestations, Udoff, Eric J.; Genant, Harry K.; Kozin, Franklin; Ginsberg, Mark, 124: 613, 1977
- on the nature and significance of bony proliferation in "rheumatoid variant" disorders (AJR), Resnick, Donald; Niwayama, Gen, 129: 275, 1977
- pseudotubercular slant: positioning artifact, Bigongiari, Lawrence R., 122: 669, 1977
- radiographic anatomical landmarks of metacarpophalangeal joints, Yeh, Hsu-Chong; Wolf, Bernard S., 122: 353, 1977
- radiological changes in juvenile chronic polyarthritis (ab), Ansell, Barbara M.; Kent, Patricia A., 125: 282, 1977
- rheumatoid nodulosis: another cause of juxtaarticular nodules, Brower, Anne C.; Napombejara, Chalyakiati; Stechschulte, D. J.; Mantz, Frank; Ketchum, Lynn, 125: 669, 1977
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- septic arthritis: complication of rheumatoid arthritis, Gelman, Martin I.; Ward, John R., 122: 17, 1977
- subchondral cysts (geodes) in arthritic disorders: pathologic and radiographic appearance of the hip joint (AJR), Resnick, Donald; Niwayama, Gen; Coutts, Richard D., 128: 799, 1977
- unilateral rheumatoid arthritis: protective effect of neurologic deficits (AJR), Yaghamai, Issa; Rooholamini, Seyed Majid; Faunce, Howard F., 128: 299, 1977
- Arthritis, septic**  
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- observations on the sequential use of <sup>99m</sup>Tc-phosphate complex and <sup>67</sup>Ga imaging in osteomyelitis, cellulitis, and septic arthritis, Lisbona, Robert; Rosenthal, Leonard, 123: 123, 1977
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- arthrography of the fingers and wrist in rheumatic inflammatory conditions (ab), Glogowski, A.; Laval-Jeantet, M.; Stora, P., 124: 857, 1977
- simultaneous arthrography of the talocrural and talonavicular joints in children: II. comparison between anatomic and arthrographic measurements (ab), Hjelmstedt, A.; Sahstedt, B., 124: 278, 1977
- Arthrography, indications**  
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- Arthrography, technique**  
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- simultaneous arthrography of the talocrural and talonavicular joints in children: I. technique (ab), Sahstedt, B., 124: 278, 1977
- Arthrogryposis multiplex congenita**  
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- Asbestosis**  
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- Ascites**  
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- pancreatic ascites: successful treatment with pancreatic radiation (ab), Morton, Robert E.; Deluca, Robert; Reisman, Terence N.; Raskin, Jeffrey B.; Rogers, Arvey I., 122: 863, 1977
- thoracic and abdominal extravasation: complication of hyperalimentation in infants (AJR), Spriggs, David W.; Brantley, Robert E., 128: 419, 1977
- ultrasonic distinction of abscesses from other intra-abdominal fluid collections, Doust, Bruce D.; Quiroz, Francisco; Stewart, John M., 125: 213, 1977
- ultrasonography in ascites, Yeh, Hsu-Chong; Wolf, Bernard S., 124: 783, 1977
- urinary ascites secondary to posterior urethral valves (ab), Scott, Troy W., 122: 283, 1977
- visualization of the lateral edge of the liver in ascites, Love, Leon; Demos, Terrence C.; Reynes, Carlos J.; Williams, Virgil; Shkolnik, Arnold; Gandhi, Vasant; Zerofos, Nicholas, 122: 619, 1977
- Aspergillosis**  
thoracic wall invasion secondary to pulmonary aspergillosis: complication of chronic granulomatous disease of childhood (AJR), Altman, Adele R., 129: 140, 1977
- Asphyxia**  
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- Astrocytoma**  
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- Astronauts**  
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- Atelectasis**  
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- Atherosclerosis**  
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- Athletics**  
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- Atlas and axis**  
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- automography: means of improving visualization of the upper cervical spine, Forman, Walter H., 123: 800, 1977
- dysplasia of the odontoid process in Morquio's syndrome causing quadriplegia (ab), Lipson, Stephen J., 125: 281, 1977
- horizontal fracture of anterior arch of atlas, Stewart, Jr., Grady C.; Gehweiler, Jr., John A.; Laib, Richard H.; Martinez, Salutaris, 122: 349, 1977
- unilateral dysplasia of the superior articular facet of the axis (AJR), Salama, R.; Weissman, S. L., 127: 525, 1976
- Atlas and axis, dislocation**  
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- Atlas and axis, fractures**  
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- fractures of the atlas vertebra (ab), Gehweiler, Jr., John A.; Duff, Denise E.; Martinez, Salutaris; Miller, Michael D.; Clark, William M., 124: 570, 1977
- isolated fracture of the medial portion of the lateral mass of the atlas: previously undescribed entity (ab), Barker, Jr., E. Gail; Krumpelmann, Jerome; Long, John M., 122: 851, 1977
- Jefferson fracture of the atlas: report of six cases (ab), Han, Sang Y.; Witten, David M.; Musselman, John P., 122: 275, 1977
- Atrial septal defect**  
anomalous pulmonary venous connection of entire left lung with intact atrial septum: radiological features and clinical implications, Miller, Stephen W.; Dinsmore, Robert E.; Liberthson, Richard R.; Goldblatt, Allan; Daggett, Willard M.; Buckley, Mortimer J., 122: 591, 1977
- determinants of ventricular septal motion: influence of relative right and left ventricular size (ab), Pearlman, Alan S.; Clark, Chester E.; Henry, Walter L.; Morganroth, Joel; Itscoitz, Samuel B.; Epstein, Stephen E., 122: 569, 1977
- paradoxical motion of interventricular septum with right ventricular dilatation in the absence of shunting: report of two cases (ab), Bahler, Alan S.; Meller, Jose; Brik, Henry; Herman, Michael V.; Teichholz, Louis Evan, 122: 861, 1977
- systolic thickening and thinning of septum and posterior wall in patients with coronary artery disease, congestive cardiomyopathy, and atrial septal defect (ab), Corya, Betty C.; Rasmussen, Susan; Feigenbaum, Harvey; Knoebel, Suzanne B.; Black, Mary Jo, 123: 832, 1977
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- standard biphasic-contrast gastric series, den Orth, Odo Op; Ploem, Sven, 122: 530, 1977
- Barium-enema examination**  
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- bacteremia and the barium enema (AJR), Schimmel, Daniel H.; Hanelin, Laurence G.; Cohen, Stephen; Goldberg, Henry L., 128: 207, 1977
- barium enema examination using a remote controlled positive and negative contrast media inflator, Hisamichi, Shigeru; Masuda, Yukihisa; Shirane, Akio; Sugawara, Nobuyuki; Gomi, Tomoo; Oshiba, Saburo, 125: 533, 1977
- barium enema in the high-risk carcinoma patient (L), Miller, Roscoe E., 123: 813, 1977
- barium enema in the high risk carcinoma patient (L), Marshak, Richard H., 125: 549, 1977
- barium studies in small-bowel infarction: radiological-pathological correlation, Joffe, Norman; Goldman, Harvey; Antonioli, Donald A., 123: 303, 1977
- comparison of barium enema and colonoscopy in the detection of small colonic polyps, Thoeni, Ruedi F.; Menuck, Leslie, 124: 631, 1977
- device for the administration of high velocity barium, Wickstrom, Karl T.; Paris, Ronald J., 125: 248, 1977
- double contrast enema in ulcerative and Crohn's colitis (ab), Fraser, G. M.; Findlay, J. M., 122: 278, 1977
- double contrast examination in the study of the posterior stomach wall (ab), Descombes, Ph.; Remond, A.; Capron, J. P.; Baillet, J.; Grumbach, Y.; Trinez, G., 122: 854, 1977
- double-contrast examination of the small intestine without intubation (ab), Novak, D., 122: 278, 1977
- evaluation of colon cleansing regimens (AJR), Dodds, Wylie J.; Scanlon, Gerard T.; Shaw, Donald K.; Stewart, Edward T.; Youker, James E.; Metter, Gerald E., 128: 57, 1977
- faster-flow enema equipment, Miller, Roscoe E., 123: 229, 1977
- glucagon and barium enema examinations: controlled clinical trial (ab), Harned, Roger K.; Stelling, Carol B.; Williams, Susan; Wolf, Gerald L., 122: 856, 1977
- inferior vena caval occlusion: characteristic radiographic changes on excretory urography and barium enema examination (AJR), Madayag, Manuel A.; Seliger, Gustav, 128: 39, 1977
- simple method of barium administration for double-contrast enemas, Hogan, Michael T.;

- Antico, Dominic A.; Pollak, Christine, 123: 230, 1977
- value of the barium enema in the diagnosis of acute appendicitis (ab), Rajagopalan, Arjun E.; Mason, James H.; Kennedy, Michael; Pawlikowski, James, 124: 857, 1977
- Barium-enema examination, indications**
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- Barium-enema examination, technique**
- air contrast colon examination in patients with colostomies (AJR), Goldstein, Harvey M.; Miller, Mark H., 127: 607, 1976
- electrical stimulation for anal sphincter control in barium enema examinations: extended trial (AJR), Clark, Kenneth; Rowan, David, 127: 429, 1976
- small bowel enema: experience with 150 examinations (AJR), Sanders, D. E.; Ho, C. S., 127: 743, 1976
- Barrett's syndrome**
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- Bernard-Horner syndrome**
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- Betatron**
- single port technique of mantle field treatment in Hodgkin's disease using very high energy x-ray beams, Bhatnagar, Jagdish P.; Feldman, Merrill L., 123: 798, 1977
- Biedl-Laurence-Moon-Bardet syndrome**
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- Bile ducts**
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- measurement of biliary tract size and drainage time: comparison of endoscopic and intravenous cholangiography, Belsito, Alphonso A.; Marta, John B.; Cramer, Glen G.; Dickinson, Paul B., 122: 65, 1977
- randomized trial of percutaneous transhepatic cholangiography with the chiba needle versus endoscopic retrograde cholangiography for bile duct visualization in jaundice (ab), Elias, E.; Hamlyn, A. N.; Jan, S.; Long, R. G.; Summerfield, J. A.; Dick, R.; Sherlock, Sheila, 122: 563, 1977
- Bile ducts, abnormalities**
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- extrinsic abnormalities affecting the biliary system (ab), Ochsner, Seymour F., 122: 564, 1977
- syndrome of intrahepatic biliary dysgenesis and cardiovascular malformations (ab), Greenwood, Ronald D.; Rosenthal, Amnon; Crocker, Allen C.; Nadas, Alexander S., 122: 861, 1977
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- Bile ducts, calculi**
- bile ducts (RCNA), Menuck, Leslie; Amberg, John, 14: 499, 1976
- ultrasonography in obstructive jaundice, Malini, Srin; Sabel, John, 123: 429, 1977
- Bile ducts, cysts**
- choledochal cyst: review of 19 cases (ab), Barlow, Barbara; Tabor, Edward; Blanc, William A.; Santulli, Thomas V.; Harris, Ruth C., 124: 568, 1977
- congenital choledochal cysts (ab), Muakkasah, Kamel; Obeid, Sami; Slim, Michel, 124: 276, 1977
- hepatic duct diverticulum simulating a choledochal cyst (AJR), Schey, William L.; Pinsky, Steven M.; Lipshutz, Harold S.; Dragomer, Andrei S., 128: 318, 1977
- hepatoscintigraphy, arteriography, and ultrasonography in preoperative diagnosis of choledochal cyst (AJR), Piyachon, Chaliow; Poshyachinda, Makumkrong; Dhitavat, Visit, 127: 520, 1976
- serial scintigraphy of choledochal cysts using <sup>131</sup>I-rose bengal and <sup>131</sup>I-bromsulphalein (AJR), Oshiumi, Yoshihiko; Nakayama, Chikashi; Morita, Kazunori; Numaguchi, Yuji; Koga, Issei; Matsuura, Keichi, 128: 769, 1977
- Bile ducts, dilatation**
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- congenital cystic dilation of the bile duct associated with Laurence-Moon-Biedl-Bardet syndrome (ab), Tsuchiya, Ryoichi; Nishimura, Ryusuke; Ito, Toshiya, 124: 568, 1977
- Bile ducts, diseases**
- biliary system in primary biliary cirrhosis: a study by endoscopic retrograde cholangiopancreatography (ab), Summerfield, J. A.; Elias, E.; Hungerford, G. D.; Nikapota, V. L. B.; Dick, R.; Sherlock, Sheila, 122: 280, 1977
- computed tomography and obstructive biliary disease (AJR), Havrilla, Thomas R.; Haaga, John R.; Alfidi, Ralph J.; Reich, Norbert E., 128: 765, 1977
- congenital diseases of the gallbladder and bile ducts (ab), Hatfield, Philip M.; Scholz, Francis J.; Wise, Robert E., 122: 564, 1977
- diseases of the biliary ducts (ab), Larsen, Carl R.; Scholz, Francis J.; Wise, Robert E., 122: 564, 1977
- Bile ducts, hemorrhage**
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- hemobilia following needle biopsy of the liver (AJR), Seltzer, Ronald A.; Rossiter, Stanford B.; Cooperman, Lawrence R.; Liebowitz, Daniel, 127: 1035, 1976
- management of postbiopsy hemobilia with selective arterial embolization (AJR), Merino-de-Villasante, Jorge; Alvarez-Rodriguez, E. Eloy; Hernandez-Ortiz, Jorge, 128: 668, 1977
- mycotic aneurysm of the hepatic artery: case diagnosed with radionuclide imaging and ultrasound, Sukerka, Arun N.; Dulay, Conchita C.; Anandappa, Eugene; Asokan, Sangarappillai, 124: 444, 1977
- Bile ducts, inflammation**
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- Bile ducts, neoplasms**
- bile ducts (RCNA), Menuck, Leslie; Amberg, John, 14: 499, 1976
- cholangiopancreatography and pancreatic cytology in carcinoma of the pancreas (AJR), Wilkins, R. A.; Hatfield, A., 128: 747, 1977
- diagnostic accuracy of endoscopic retrograde cholangiopancreatography in hepatic, biliary, and pancreatic malignancy (ab), Silvis, Steven E.; Rohrmann, C. A.; Vennes, Jack A., 122: 564, 1977
- diseases of the biliary ducts (ab), Larsen, Carl R.; Scholz, Francis J.; Wise, Robert E., 122: 564, 1977
- Bile ducts, obstruction**
- biliary matrix: matrix stones as a cause of biliary obstruction, Hammerman, Harley J.; Shatz, Burton A.; Evens, Ronald G., 124: 31, 1977
- evaluation of sclerosing cholangitis by endoscopic retrograde cholangiopancreatography (ab), Ruskin, Robert B.; Katon, Ronald M.; Bilbao, Marcia K.; Smith, Frederic, 122: 564, 1977
- jaundice from impacted sediment in a T tube: recognition and treatment (AJR), Jelaso, David V.; Hirschfeld, Jan S., 127: 413, 1976
- transient obstruction of the common bile duct following its exploration (ab), Man, B.; Kraus, L.; Pikielny, S.; Horodniciano, S., 122: 280, 1977
- ultrasonography in obstructive jaundice, Malini, Srin; Sabel, John, 123: 429, 1977
- Bile ducts, perforation**
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- Bile ducts, physiology**
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- Bile ducts, radiography**
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- gas contrast studies of biliary tract following reconstructive surgery (ab), Williams, J. Edmund; Wilding, R. P.; Kay, D. N., 123: 538, 1977
- percutaneous transhepatic cholangiography with selective catheterization of the common bile duct (AJR), Burchart, Flemming; Nielbo, Niels, 127: 409, 1976
- Bile ducts, radionuclide studies**
- hepatoscintigraphy, arteriography, and ultrasonography in preoperative diagnosis of choledochal cyst (AJR), Piyachon, Chaliow; Poshyachinda, Makumkrong; Dhitavat, Visit, 127: 520, 1976
- serial scintigraphy of choledochal cysts using <sup>131</sup>I-rose bengal and <sup>131</sup>I-bromsulphalein (AJR), Oshiumi, Yoshihiko; Nakayama, Chikashi; Morita, Kazunori; Numaguchi, Yuji; Koga, Issei; Matsuura, Keichi, 128: 769, 1977
- Bile ducts, stenosis**
- persistent obstructive jaundice, cholangitis, and biliary cirrhosis due to common bile duct stenosis in chronic pancreatitis (ab), Warshaw, Andrew L.; Schapiro, Robert H.; Ferrucci, Jr., Joseph T.; Galdabini, James L., 122: 565, 1977
- Bile ducts, stone extraction**
- death following complications of roentgenologic nonoperative manipulation of common bile duct calculi, Polack, Edward P.; Fainsinger, Maurice H.; Bonnano, Salvatore V., 123: 585, 1977
- Bile ducts, ultrasound studies**
- bile ducts (RCNA), Menuck, Leslie; Amberg, John, 14: 499, 1976
- hepatoscintigraphy, arteriography, and ultrasonography in preoperative diagnosis of choledochal cyst (AJR), Piyachon, Chaliow; Poshyachinda, Makumkrong; Dhitavat, Visit, 127: 520, 1976
- pulsed Doppler studies in B-mode ultrasound scanning, Yeh, En-Lin; Meade, Robert C., 122: 521, 1977
- ultrasonography in obstructive jaundice, Malini, Srin; Sabel, John, 123: 429, 1977
- ultrasound diagnosis of common bile duct dilatation, Lee, Timothy G.; Henderson, Sidney C.; Ehrlich, Robert, 124: 793, 1977
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- diagnosis of gastric malignancy by fiberoptic endoscopy and gastric biopsy: comparison with radiology (ab), Fung, Wye-Poh; Lee, Swee-Kok, 122: 854, 1977
- evaluation of a new transthoracic needle for biopsy of benign and malignant lung lesions (AJR), House, Anthony J. S.; Thomson, Kenneth R., 129: 215, 1977
- radiographic appearance of iliac marrow biopsy sites (AJR), Gilsanz, Vicente; Grunebaum, Michael, 128: 597, 1977
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- Biopsies, complications**
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- implantation metastasis after percutaneous transthoracic needle aspiration biopsy (ab), Sinner, W. N.; Zajicek, J., 123: 536, 1977
- management of postbiopsy hemobilia with selective arterial embolization (AJR), Merino-de-Villasante, Jorge; Alvarez-Rodriguez, E. Eloy; Hernandez-Ortiz, Jorge, 128: 668, 1977
- successful transcatheter embolic control of massive hemobilia secondary to liver biopsy (AJR), Walter, Joseph F.; Paaso, Brian T.; Cannon, Walter B., 127: 847, 1976
- Biopsies, technique**
- aspiration biopsy of discrete pulmonary lesions using a new thin needle: results in the first 100 cases, Zornoza, Jesus; Snow, Jr., Judson; Lukeman, John M.; Libshitz, Herman L., 123: 519, 1977
- fine needle aspiration biopsy of retroperitoneal lymph nodes and abdominal masses: updated report, Zornoza, Jesus;

- Jonsson, Kjell; Wallace, Sidney; Lukeman, John M., 125: 87, 1977
- percutaneous fine needle aspiration biopsy of pancreatic and other abdominal masses**, Goldstein, Harvey M.; Zornoza, Jesus; Wallace, Sidney; Anderson, James H.; Bree, Robert L.; Samuels, Barry I.; Lukeman, John M., 123: 319, 1977
- percutaneous fine needle aspiration biopsy of the pancreas following endoscopic retrograde cholangiopancreatography**, Ho, Chia-Sing; McLoughlin, Michael J.; McHattie, James D.; Tao, Liang-Che, 125: 351, 1977
- transperitoneal percutaneous retroperitoneal lymph node aspiration biopsy**, Zornoza, Jesus; Wallace, Sidney; Goldstein, Harvey M.; Lukeman, John M.; Jing, Bao-shan, 122: 111, 1977
- Bjork-Shiley valve**  
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- Bladder, diseases**  
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- Bladder, diverticula**  
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- Bladder, effects of irradiation**  
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- urinary-bladder toxicity following pelvic irradiation and simultaneous cyclophosphamide therapy** (ab), Jayalakshamma, B.; Pinkel, Donald, 123: 548, 1977
- Bladder, inflammation**  
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- Bladder, neoplasms**  
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- post-neuriorrhaphy suture granuloma simulating a bladder neoplasm**, Helms, Clyde A.; Clark, Robert E., 124: 56, 1977
- vesicoureteral reflux following transurethral resection of bladder tumors** (ab), Freed, Selwyn Z., 122: 282, 1977
- Bladder, obstruction**  
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- Bladder, radiography**  
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- autonomic dysreflexia: unusual radiologic complication**, Fleischman, Scott; Shah, Pares, 124: 695, 1977
- diagnosis of oligohydramnios-related pulmonary hypoplasia (Potter syndrome): value of portable voiding cystourethrography in newborns with respiratory distress**, Wolf, Ellen L.; Berdon, Walter E.; Baker, David H.; Wigger, H. Joachim; Blanc, William A., 125: 769, 1977
- guide wire manipulation of a knot in a catheter used for cystourethrography** (ab), Harris, Vivian J.; Ramilo, Jose, 122: 859, 1977
- resorption of contrast material from the bladder during cystourethrography causing an excretory urogram**, Currarino, Guido; Weinberg, Arthur; Putnam, Robert, 123: 149, 1977
- Bladder, rupture**  
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- Bladder, ultrasound**  
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- Bladder, wounds and injuries**  
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- Blastoma**  
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- gonadoblastoma: ovarian tumor with characteristic pelvic calcifications** (AJR), Seymour, E. Q.; Hood, John B.; Underwood, Jr., Paul B.; Williamson, H. Oliver, 127: 1001, 1976
- metaphyseal chondroblastoma of bone** (AJR), Aronson, Richard S.; Hart, William R.; Martel, William, 127: 686, 1976
- pulmonary blastoma: case report and literature review** (AJR), Han, Soo Sung; Wills, John S.; Allen, II, Olin S., 127: 1048, 1976
- Bleomycin**  
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- Blindness**  
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- blindness during remission in two patients with acute lymphoblastic leukemia: possible complication of multimodal therapy** (ab), Margileth, David A.; Poplack, David G.; Pizzo, Phillip A.; Leventhal, Bridget G., 124: 580, 1977
- sudden blindness as a complication of sphenoid sinusitis: case report** (ab), Afshani, Ehsan; Cohen, Michael E., 123: 250, 1977
- Blood**  
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- influence of cholangiography and renography 76 on platelet function**, Shapiro, Gabriel A.; Loeb, Peter M.; Berk, Robert N.; Manton, Janet; Ellzey, Barbara; Reynolds, David, 124: 641, 1977
- Blood, flow dynamics**  
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- thick blood syndrome**, Wesenberg, Richard L.; Rumack, Carol M.; Lubchenco, Lula O.; Wirth, Frederick H.; McGuinness, Gail A.; Tomlinson, Alan L., 125: 181, 1977
- Blood, phosphatase**  
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- familial hyperphosphatemia: radiological quiz**, Varano, Lottie A.; Gordon, Stanley L.; Kulin, Howard E., 122: 752, 1977
- Blood, platelets**  
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- Blood, radionuclide studies**  
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- improved dynamic and static imaging of abdominal aortic aneurysms**, Spies, Stewart M.; Kesala, B. Adrian; Hetzel, Kenneth R.; Singh, Bhurji; Yao, James S. T.; Bergan, John J.; Quinn, III, James L., 124: 505, 1977
- limitations of  $^{113}\text{In}$  for plasma volume measurement** (ab), Wootton, R., 122: 866, 1977
- localization of acute inflammatory foci in man with  $^{99\text{m}}\text{Tc}$ -S.C. labeled granulocytes** (ab), Lentle, Brian C.; McPherson, T. Alexander; Scott, John R.; Jackson, Frank L., 122: 865, 1977
- treatment of carcinoma of the breast by radiation therapy** (ab), Linderkamp, O.; Holthausen, H.; Seifert, J.; Butenandt, I.; Riegel, K. P., 125: 575, 1977
- Blood, volume**  
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- Boerhaave's syndrome**  
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- Bone marrow, biopsy**  
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- Bone marrow, radionuclide studies**  
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- Bone marrow, transplantation**  
radiographic changes in the posterior-superior iliac crests following bone marrow aspiration, Kagan, Christopher; Graze, Peter; Collins, James D.; Mink, Jerrold, 124: 658, 1977
- total-body irradiation with a high-dose-rate linear accelerator for bone-marrow transplantation in aplastic anemia and neoplastic disease**, Kim, Tae H.; Kersey, John; Sewchand, Wilfred; Nesbitt, Mark E.; Krivit, William; Levitt, Seymour H., 122: 523, 1977
- Bone neoplasms**  
See also under specific neoplasms, as Osteoma; Osteosarcoma
- multiple brown tumors in a patient with chronic renal failure and secondary hyperparathyroidism** (AJR), Brown, Thomas W.; Genant, Harry K.; Hattner, Robert S.; Orloff, Sheldon; Potter, Donald E., 128: 131, 1977
- multiple primary hemangiomas of bone** (AJR), Karlin, Charles A.; Brower, Anne C., 129: 162, 1977
- primary malignant fibrous histiocytoma (fibrous xanthoma) of bone** (ab), Feldman, Frieda; Lattes, Raffaele, 125: 282, 1977
- Bone neoplasms, diagnosis**  
arteriography in bone tumors (ab), Voegeli, E.; Uehlinger, E., 122: 856, 1977
- arteriography in bone tumours** (ab), Voegeli, E.; Fuchs, W. A., 122: 857, 1977
- comparison of a vasoconstrictor and a vasodilator in pharmacangiography of bone and soft-tissue tumors**, Ekelund, Leif; Laurin, Sven; Lunderquist, Anders, 122: 95, 1977
- hypophosphatemic osteomalacia secondary to vascular tumors of bone and soft tissue** (ab), Renton, P.; Shaw, D. G., 122: 857, 1977
- metaphyseal chondroblastoma of bone** (AJR), Aronson, Richard S.; Hart, William R.; Martel, William, 127: 686, 1976
- multiple sclerotic osteogenic sarcoma of early childhood** (ab), Cremin, B. J.; Heselson, N. G.; Webber, B. L., 122: 857, 1977
- radionuclide skeletal survey for pediatric neoplasms**, Gilday, David L.; Ash, Judith M.; Reilly, Bernard J., 123: 399, 1977
- thermographic, radionuclide, and radiographic detection of bone metastases: prospective comparison**, Freundlich, Irwin M.; O'Mara, Robert; Pitt, Michael J., 122: 665, 1977
- Bone neoplasms, metastases**  
combined therapy of osteosarcoma: preoperative irradiation, surgery, and chemotherapy, Munzenrider, John E.; Emami, Bahman; Tchakarova, Ivanka; Necheles, Thomas F.; Banks, Henry H.; Peradelo, Jorge C.; Oh, Won H., 125: 497, 1977
- multiple ossified metastases to the kidney from osteogenic sarcoma** (AJR), Goldstein,



- Charles; Ambros, Marjorie A.; Bosniak, Morton A., 128: 148, 1977
- ossified pulmonary metastases from giant cell tumor of bone (AJR), Hall, Ferris M.; Frank, Howard A.; Cohen, Richard B.; Ezpeleta, Mariano L., 127: 1046, 1976
- radionuclide skeletal survey for pediatric neoplasms, Gilday, David L.; Ash, Judith M.; Reilly, Bernard J., 123: 399, 1977
- roentgenologic aspects of bone islands, Onitsuka, Hideo, 123: 607, 1977
- thermographic, radionuclide, and radiographic detection of bone metastases: prospective comparison, Freundlich, Irwin M.; O'Mara, Robert; Pitt, Michael J., 122: 665, 1977
- Bone neoplasms, radionuclide diagnosis**
- evaluation of the *in vivo* properties of  $^{99m}\text{Tc}$ -HEDP, Citrin, D. L., 122: 255, 1977
- radionuclide skeletal survey for pediatric neoplasms, Gilday, David L.; Ash, Judith M.; Reilly, Bernard J., 123: 399, 1977
- scintigraphic detection of osteoid osteoma, Winter, Peter F.; Johnson, Phillip M.; Hilal, Sadek K.; Feldman, Frieda, 122: 177, 1977
- skeletal and splenic hemangiomas with consumption coagulopathy: response to splenectomy (ab), Dadash-Zadeh, Mahboub; Czapek, Emily E.; Schwartz, Allen D., 122: 284, 1977
- thermographic, radionuclide, and radiographic detection of bone metastases: prospective comparison, Freundlich, Irwin M.; O'Mara, Robert; Pitt, Michael J., 122: 665, 1977
- Bone neoplasms, secondary**
- diffuse osteoblastic metastases from an intracranial glioma (AJR), Schatzki, Stefan C.; McIlmoyle, Gaellan; Lowis, Samuel, 128: 321, 1977
- incidence of bone metastases in women with minimal and occult breast carcinoma, Schaffer, Derace L.; Kalisher, Lester, 124: 675, 1977
- malignant myeloid sarcoma simulating metastatic bone disease, Peison, Bernard; Benisch, Barry, 125: 62, 1977
- metastatic carcinoma presenting as shoulder arthritis (AJR), Fremland, Alan; Kagan, A. Robert; Steckel, Richard J., 129: 137, 1977
- odontoid fractures in metastatic breast carcinoma (AJR), Lally, James F.; Cossrow, Joel L.; Dalinka, Murray K., 128: 817, 1977
- radiographic changes in the posterior-superior iliac crests following bone marrow aspiration, Kagan, Christopher; Graze, Peter; Collins, James D.; Mink, Jerrold, 124: 658, 1977
- single-dose irradiation of bone metastases (ab), Jensen, H.-N.; Roedahl, K., 124: 863, 1977
- undifferentiated parotid carcinoma with osteoblastic metastases (AJR), Dubois, Philip J.; Orr, Donald P.; Meyers, Eugene N.; Barnes, Leon E., 129: 744, 1977
- Bone neoplasms, therapeutic radiology**
- elective whole lung irradiation in treatment of osteogenic sarcoma (ab), Rab, George T.; Ivins, John C.; Childs, Jr., Donald S.; Cupps, Roger E.; Pritchard, Douglas J., 123: 545, 1977
- single-dose irradiation of bone metastases (ab), Jensen, H.-N.; Roedahl, K., 124: 863, 1977
- Bone neoplasms, therapy**
- combined therapy of osteosarcoma: preoperative irradiation, surgery, and chemotherapy, Munzenrider, John E.; Emami, Bahman; Tchakarova, Ivanka; Necheles, Thomas F.; Banks, Henry H.; Paradelo, Jorge C.; Oh, Won H., 125: 497, 1977
- Ewing's sarcoma—functional effect of radiation therapy (ab), Lewis, Randall J.; Marcove, Ralph C.; Rosen, Gerald, 125: 283, 1977
- prospective analysis of bone changes in treated childhood leukemia, Rosenfield, Nancy S.; McIntosh, Sue, 123: 413, 1977
- supervoltage irradiation in the management of giant cell tumor of bone, Harwood, Andrew R.; Fornasier, Victor L.; Rider, Walter D., 125: 223, 1977
- Bones**
- See also Hand; Pelvis; Skull; Spine; Synovial membrane; under names of individual bones and diseases
- accuracy of radiologic identification of humans using skeletal landmarks: contribution to forensic pathology, Martel, William; Wicks, Jeffrey D.; Hendrix, Robert C., 124: 681, 1977
- paleopathological diagnosis and interpretation. bone diseases in ancient human populations (bk rev), Steinbock, R. Ted, Reviewed by Clouse, Melvin E., 124: 674, 1977
- postgraduate course in skeletal radiology (New York, N. Y.), 122: 24, 1977
- postgraduate course on pathology of bone and joints (3rd) (Baltimore, Md.), 122: 356, 1977
- Bones, abnormalities**
- automated diagnosis of congenital dislocation of the hip, Endo, Masahiro; Inuma, Takeshi A.; Umegaki, Yoichiro; Tateno, Yukio; Tanaka, Hitoshi; Tsuchiya, Keiichi, 122: 25, 1977
- congenital ophthalmoplegia in oculoauriculovertebral dysplasia-hemifacial microsomia (Goldenhar-Gorlin syndrome): clinico-pathologic study and review of the literature (ab), Aleksic, S.; Budzilovich, G.; Choy, A.; Reuben, R.; Randt, C.; Finegold, M.; McCarthy, J.; Converse, J.; Feigin, L., 122: 271, 1977
- infantile cortical hyperostosis (ab), Frana, L.; Sekanina, M., 123: 827, 1977
- prospective analysis of bone changes in treated childhood leukemia, Rosenfield, Nancy S.; McIntosh, Sue, 123: 413, 1977
- trichorhinophalangeal syndrome: study of 16 patients in one family (AJR), Felman, Alvin H.; Frias, Jaime L., 129: 631, 1977
- Bones, abnormalities and deformities**
- macrodystrophia lipomatosa: radiographic diagnosis (AJR), Goldman, Amy Beth; Kaye, Jeremy J., 128: 101, 1977
- Bones, abnormalities secondary to disturbances of extraskeletal systems**
- early radiographic manifestations of secondary hyperparathyroidism associated with chronic renal disease, Jensen, Pamela S.; Klinger, Alan S., 125: 645, 1977
- radiological/pathological correlations in uremic bone disease, Debnam, James W.; Bates, Margaret L.; Kopelman, Robert C.; Teitelbaum, Steven L., 125: 653, 1977
- Bones, aging**
- anatomicopathological approach to the study of articular aging (ab), Lagier, Rene, 123: 255, 1977
- Bones, biopsy**
- radiographic appearance of iliac marrow biopsy sites (AJR), Gilsanz, Vicente; Grunebaum, Michael, 128: 597, 1977
- Bones, chromosomal aberrations**
- diagnosis of oligohydramnios-related pulmonary hypoplasia (Potter syndrome): value of portable voiding cystourethrography in newborns with respiratory distress, Wolf, Ellen L.; Berdon, Walter E.; Baker, David H.; Wigger, H. Joachim; Blanc, William A., 125: 769, 1977
- pattern of shortening of the bones of the hand in PHP and PPHP—comparison with brachydactyly E, Turner syndrome, and acrodisostosis, Poznanski, Andrew K.; Werder, Edmond A.; Giedion, Andres; Martin, Allan J.; Shaw, Helen, 123: 707, 1977
- 2p partial trisomy syndrome: duplication of region 2p23 → 2pter in two members of a (2:7) translocation kindred (ab), Francke, Uta; Jones, Kenneth L., 124: 279, 1977
- radiology of trisomy 8 mosaicism (ab), Grunebaum, M.; Tieder, M., 124: 573, 1977
- useful radiologic sign for diagnosis of Turner's syndrome (ab), Bercu, Barry B.; Kramer, Sandra S.; Bode, Hans Henning, 123: 826, 1977
- Bones, cysts**
- simple bone cysts: factors of age dependency, Norman, Alex; Schiffman, Michael, 124: 779, 1977
- subchondral cysts (geodes) in arthritic disorders: pathologic and radiographic appearance of the hip joint (AJR), Resnick, Donald; Niwayama, Gen; Coutts, Richard D., 128: 799, 1977
- unicameral bone cyst in a rib of a child (AJR), Shulman, Harry S.; Wilson, Stephanie R.; Harvie, James N.; Cruickshank, Bruce, 128: 1058, 1977
- Bones, diseases**
- See also other subheads under Bones and under names of specific diseases, as Osteomalacia
- disappearing bone disease: clinical and histological study (ab), Heyden, G.; Kindblom, L.-G.; Nielsen, J. Moller, 124: 572, 1977
- early radiographic manifestations of secondary hyperparathyroidism associated with chronic renal disease, Jensen, Pamela S.; Klinger, Alan S., 125: 645, 1977
- extramedullary hematopoiesis in Paget's disease of bone (AJR), Kadir, Saadoun; Kalisher, Lester; Schiller, Alan L., 129: 493, 1977
- massive subperiosteal hemorrhage in neurofibromatosis, Yaghmai, Issa; Tafazoli, Mansour, 122: 439, 1977
- osteochondritis of the tarsal navicular: radioisotopic appearances, McCauley, Roy G. K.; Kahn, Paul C., 123: 705, 1977
- radiological/pathological correlations in uremic bone disease, Debnam, James W.; Bates, Margaret L.; Kopelman, Robert C.; Teitelbaum, Steven L., 125: 653, 1977
- roentgenographic findings in the acute neuronopathic form of Niemann-Pick disease (ab), Grunebaum, M., 124: 575, 1977
- Bones, dysostoses**
- acrodisostosis coinciding with pseudohypoparathyroidism and pseudo-pseudohypoparathyroidism (AJR), Ablow, R. C.; Hsia, Y. E.; Brandt, I. K., 128: 95, 1977
- congenital cystic dilation of the bile duct associated with Laurence-Moon-Biedl-Bardet syndrome (ab), Tsuchiya, Ryoichi; Nishimura, Ryusuke; Ito, Toshiya, 124: 568, 1977
- congenital ophthalmoplegia in oculoauriculovertebral dysplasia-hemifacial microsomia (Goldenhar-Gorlin syndrome): clinico-pathologic study and review of the literature (ab), Aleksic, S.; Budzilovich, G.; Choy, A.; Reuben, R.; Randt, C.; Finegold, M.; McCarthy, J.; Converse, J.; Feigin, L., 122: 271, 1977
- craniosynostosis, midfacial hypoplasia, and foot abnormalities: autosomal dominant phenotype in large Amish kindred (ab), Jackson, Charles E.; Weiss, Lester; Reynolds, William A.; Forman, Tod F.; Peterson, James A., 123: 826, 1977
- heritable syndrome of craniosynostosis, short thin hair, dental abnormalities, and short limbs: cranioectodermal dysplasia (ab), Levin, L. Stefan; Perrin, Jane C. S.; Ose, Leiv; Dorst, John P.; Miller, J. Daniel; McKusick, Victor A., 125: 280, 1977
- hypothyroidism in cystinosis (AJR), Grunebaum, Michael; Lebowitz, Robert L., 129: 629, 1977
- intervertebral disk calcification associated with spine fusion, Dussault, Robert G.; Kaye, Jeremy J., 125: 57, 1977
- juvenile nephronophthisis associated with retinal pigmentary dystrophy, cerebellar ataxia, and skeletal abnormalities (ab), Robins, D. G.; French, T. A.; Chakera, T. M. H., 124: 278, 1977
- pattern of shortening of the bones of the hand in PHP and PPHP—comparison with brachydactyly E, Turner syndrome, and acrodisostosis, Poznanski, Andrew K.; Werder, Edmond A.; Giedion, Andres; Martin, Allan J.; Shaw, Helen, 123: 707, 1977
- Bones, dystrophy**
- unilateral reflex sympathetic algoneurodystrophy of the hip: three cases (ab), Batisse, R.; Doury, P.; Pattin, S.; Garreta, L., 124: 279, 1977
- Bones, fractures**
- See Fractures
- odontoid fractures in metastatic breast carcinoma (AJR), Lally, James F.; Cossrow, Joel L.; Dalinka, Murray K., 128: 817, 1977
- technetium  $^{99m}\text{Tc}$  pyrophosphate bone imaging in the evaluation of trauma (ab), Hisda, Kinichi; Suzuki, Yutaka; Iimori, Mataro, 122: 288, 1977
- Bones, growth and development**
- See also Bones, primary disturbances of growth
- lamellated periosteal reactions: radiologic and histologic investigation (AJR), Volberg, Jr., Frank M.; Whalen, Joseph P.; Krook, Lennart; Winchester, Patricia, 128: 85, 1977
- Bones, infarction**
- serial bone-scan changes in recurrent bone infarction (ab), Greyson, N. David; Kassel, Edward E., 122: 288, 1977
- Bones, infection**
- acute osteomyelitis in children (ab), Mollan, R. A. B.; Piggot, J., 125: 281, 1977
- bone marrow scan in experimental osteomyelitis (ab), Feigin, D. S.; Strauss, H. W.; James, Jr., A. E., 124: 580, 1977
- "hot and cold" bone lesion in acute osteomyelitis (AJR), Teates, Charles D.; Williamson, Brian R. J., 129: 517, 1977
- observations on the sequential use of  $^{99m}\text{Tc}$ -phosphate complex and  $^{67}\text{Ga}$  imaging in osteomyelitis, cellulitis, and septic arthritis, Lisbona, Robert; Rosenthal, Leonard, 123: 123, 1977

- osteomyelitis as a complication of umbilical artery catheterization (ab), Lim, Mary O.; Gresham, Edwin L.; Franken, Jr., Edmund A.; Leake, Rosemary D., 125: 570, 1977
- radiographic findings in early acquired syphilis: case report and critical review (AJR), Ehrlich, Irving; Kricun, Morrie E., 127: 789, 1976
- radiologic aspects of BCG-osteomyelitis in infants and children (ab), Mortenson, W.; Eklof, O.; Jorulf, H., 124: 858, 1977
- radionuclide imaging in early detection of childhood osteomyelitis and its differentiation from cellulitis and bone infarction (ab), Majd, Massoud, 125: 288, 1977
- radionuclide imaging in skeletal inflammatory and ischemic disease in children (ab), Majd, Massoud; Frenkel, Robert S., 122: 574, 1977
- radionuclide imaging: use in diagnosis of osteomyelitis in children (ab), Gelfand, Michael J.; Silberstein, Edward B., 124: 865, 1977
- Bones, inflammation**
- extramedullary hematopoiesis in Paget's disease of bone (AJR), Kadir, Saadoun; Kalisher, Lester; Schiller, Alan L., 129: 493, 1977
- radiographic findings in early acquired syphilis: case report and critical review (AJR), Ehrlich, Irving; Kricun, Morrie E., 127: 789, 1976
- Bones, islands**
- roentgenologic aspects of bone islands, Onitsuka, Hideo, 123: 607, 1977
- Bones, mineralization**
- correlations between peripheral and central skeletal mineral content in chronic renal failure patients and in osteoporotics (ab), Meema, H. E.; Harrison, J. E.; McNeill, K. G.; Oreopoulos, D. G., 125: 282, 1977
- determination of bone mineral content using CT scanning (AJR), Reich, Norbert E.; Seidelmann, Frank E.; Tubbs, Raymond R.; MacIntyre, William J.; Meaney, Thomas F.; Alfid, Ralph J.; Pepe, Richard G., 127: 593, 1976
- long-term follow-up of 195 patients with renal failure: preliminary report, Griffiths, Harry J.; Zimmerman, Robert E.; Lazarus, Michael; Lowrie, Edmund; Gottlieb, Michael N.; Phillips, Ellen; Pomerantz, Kenneth, 122: 643, 1977
- radiography and scintigraphy in tumoral calcinosis, Brown, Manuel L.; Thrall, James H.; Cooper, Robert A.; Kim, Young C., 124: 757, 1977
- skeletal demineralization and growth retardation in inflammatory bowel disease (ab), Genant, Harry K.; Mall, Jay C.; Wagonfeld, James B.; Horst, Jean Vander; Lanzl, Lawrence H., 123: 827, 1977
- Bones, necrosis**
- aseptic necrosis: complication of dislocation of the metacarpophalangeal joint (AJR), Gilsanz, Vicente; Cleveland, Robert H.; Wilkinson, Robert H., 129: 737, 1977
- osteonecrosis following renal transplantation (AJR), Levine, Erol; Erken, Einhard H.; Price, Hilton I.; Meyers, Anthony M.; Solomon, Louis, 128: 985, 1977
- reconstitution of an osteonecrotic lunette in a child (ab), Benz, H.-J.; Bienenke, B.-A., 124: 278, 1977
- subchondral cysts (geodes) in arthritic disorders: pathologic and radiographic appearance of the hip joint (AJR), Resnick, Donald; Niwayama, Gen; Coutts, Richard D., 128: 799, 1977
- Bones, osteochondrodysplasias**
- achondrogenesis type I: familial subvariant? (ab), Lauder, I.; Ellis, H. A.; Ashcroft, T.; Burridge, Alice, 123: 254, 1977
- autosomal dominant osteosclerosis, Gelman, Martin I., 125: 289, 1977
- chondrodysplasia punctata—23 cases of a mild and relatively common variety (ab), Sheffield, Leslie J.; Danks, David M.; Mayne, Valerie; Hutchinson, Lucille A., 124: 571, 1977
- chondro-osseous dysplasia of adenosine deaminase deficiency with severe combined immunodeficiency (ab), Cederbaum, Stephen D.; Kaitila, Ilkka; Rimoin, David L.; Steinh, E. Richard, 124: 278, 1977
- cranio-carpo-tarsal dysplasia: report of seven cases, O'Connell, Denis J.; Hall, Christine M., 123: 719, 1977
- craniodiaphyseal dysplasia: evolution over a five-year period (ab), Tucker, A. S.; Klein, L.; Antony, G. J., 122: 850, 1977
- duplications of the renal collecting system in the hereditary osteo-oncho-dysplasia syndrome (ab), Cohen, Nathan; Berant, Moshe, 123: 255, 1977
- Dyggve-Melchior-Clausen syndrome (AJR), Schorr, S.; Legum, C.; Ochshorn, M.; Hirsch, M.; Moses, S.; Lasch, E. E.; El-Masri, M., 128: 107, 1977
- frontometaphyseal dysplasia: evidence for autosomal dominant inheritance (AJR), Kassner, E. George; Haller, Jack O.; Reddy, V. Harantha; Mitarotundo, Anthony; Katz, Isadore, 127: 927, 1976
- Jansen's metaphyseal dysostosis (ab), Gordon, Stanley L.; Varano, Lottie A.; Alandete, Alvaro; Maisels, M. Jeffrey, 123: 827, 1977
- long-survival in thanatophoric dwarfism (ab), Moir, D. H.; Kozlowski, K., 125: 570, 1977
- osteodysplasia (Melnick-Needles syndrome), Moadel, Ebrahim; Bryk, David, 123: 154, 1977
- pelvis-shoulder dysplasia (ab), Thomas, P. S.; Reid, M. McC.; McCurdy, A. M., 125: 571, 1977
- proximal femoral focal deficiency (PFFD), Levinson, Elcon D.; Ozonoff, M. B.; Royen, Peter M., 125: 197, 1977
- pseudoachondroplastic dysplasia (Maroteaux-Lamy): critical analysis (ab), Kozlowski, K., 124: 858, 1977
- pseudotibial slant: positioning artifact, Bigongiari, Lawrence R., 122: 669, 1977
- radiographic and histologic study of fracture healing in osteopetrotic rats, Schmidt, Christopher J.; Marks, Jr., Sandy C.; Jordan, Christopher A.; Hawes, Lloyd E., 122: 517, 1977
- radiographic findings in children with psychosocial dwarfism (ab), Gloeb, H. J.; Capitanio, M. A.; Kirkpatrick, J. A., 123: 827, 1977
- radiologic aspects of the vertebral components of osteochondrodysplasias (ab), Schorr, S.; Legum, C., 125: 855, 1977
- short rib-polydactyly syndrome type 3, Naumoff, Peter; Young, Lionel W.; Mazer, Julius; Amortegui, Antonio J., 122: 443, 1977
- spondylometaphyseal dysplasia (AJR), Thomas, P. S.; Nevin, N. C., 128: 89, 1977
- stippled epiphyses in chromosomal abnormalities (ab), Le Marec, B.; Saget, F.; Duclault, A.-M.; Goll, U.; Toudic, L.; Nivelon-Chevalier, A.; Le Freche, J. N.; Senecal, J., 124: 571, 1977
- ultrasonic diagnosis of thanatophoric dwarfism in utero, Cremin, Bryan J.; Shaff, Max I., 124: 479, 1977
- Van Buchem disease: case report with nosologic, genetic, and pathologic considerations, Eastman, John R.; Bixler, David, 125: 297, 1977
- Bones, photon absorption**
- influence of bone on 45 MV photon dose distributions, McLaren, John R.; Kirchner, Arthur B.; McGinley, Patton H., 125: 817, 1977
- Bones, primary disturbances of growth**
- familial hyperphosphatasemia: radiological quiz, Varano, Lottie A.; Gordon, Stanley L.; Kulin, Howard E., 122: 752, 1977
- spurs of the mandible and supracondylar process of the humerus in Cornelia de Lange syndrome (AJR), Curtis, John A.; O'Hara, A. Edward; Carpenter, Gary G., 129: 156, 1977
- Bones, primary metabolic abnormalities**
- central depression of multiple vertebral end-plates: "pathognomonic" sign of sickle hemoglobinopathy in Gaucher's disease (AJR), Hansen, Gail C.; Gold, Richard H., 129: 343, 1977
- dysplasia of the odontoid process in Morquio's syndrome causing quadriplegia (ab), Lipson, Stephen J., 125: 281, 1977
- hypophosphatasia: review of 24 cases (ab), Kozlowski, K.; Sutcliffe, J.; Barylak, A.; Harrington, G.; Kemperdick, H.; Nolte, K.; Rheinwein, H.; Thomas, P. S.; Uniecka, W., 125: 570, 1977
- long-term follow-up of 195 patients with renal failure: preliminary report, Griffiths, Harry J.; Zimmerman, Robert E.; Lazarus, Michael; Lowrie, Edmund; Gottlieb, Michael N.; Phillips, Ellen; Pomerantz, Kenneth, 122: 643, 1977
- myelographic features of mucopolysaccharidoses: new sign, Sostrin, Robert D.; Hasso, Anton N.; Peterson, Donald I.; Thompson, Joseph R., 125: 421, 1977
- neonatal mucopolidiosis II (I-cell disease): clinical and radiologic features in three cases (AJR), Patriquin, Heidi B.; Kaplan, Paige; Kind, Hans Peter; Giedion, Andres, 129: 37, 1977
- Bones, radiography**
- direct radiographic magnification for skeletal radiology: assessment of image quality and clinical application, Genant, Harry K.; Doi, Kunio; Mall, Jay C.; Sickles, Edward A., 123: 47, 1977
- roentgen diagnosis of bones, self teaching manual (bk rev), Eiken, M., Reviewed by Kuhns, Lawrence R., 125: 668, 1977
- Bones, radionuclide studies**
- accumulation of <sup>99m</sup>Tc-diphosphonate in hepatic neoplasm, Ghaed, Nasser; Marsden, Richard J., 125: 440, 1977
- bone scanning in evaluation of exercise-related stress injuries, Wilcox, Jr., John R.; Moniot, Alfred L.; Green, Joseph P., 123: 699, 1977
- bone scanning in lymphoma (ab), Schechter, Jonathan P.; Jones, Stephen E.; Woolfenden, James M.; Lilien, David L.; O'Mara, Robert E., 124: 287, 1977
- bone scan patterns of patients with diffuse metastatic carcinoma of the axial skeleton (ab), Witherspoon, Lynn R.; Blonde, Lawrence; Shuler, Stanton E.; McBurney, Donald B., 122: 288, 1977
- concentration of <sup>99m</sup>technetium polyphosphate in fibrothorax following pneumonectomy, Ravin, Carl E.; Hoyt, Terry S.; De Blanc, Harold, 122: 405, 1977
- correlation of renal images on bone scan and intravenous pyelogram (AJR), Biello, Daniel R.; Coleman, R. Edward; Stanley, Robert J., 127: 633, 1976
- evaluation of <sup>99m</sup>Tc diphosphonate kinetics and bone scans in patients with Paget's disease before and after calcitonin treatment, Waxman, Alan D.; Ducker, Steven; Mc Kee, David; Siemsen, Jan K.; Singer, Frederick R., 125: 761, 1977
- generalized periarticular uptake of <sup>99m</sup>Tc-pyrophosphate in progressive systemic sclerosis (ab), Namey, Thomas C.; Rosenthal, Leonard, 124: 865, 1977
- "hot and cold" bone lesion in acute osteomyelitis (AJR), Teates, Charles D.; Williamson, Brian R. J., 129: 517, 1977
- incidental detection of a horseshoe kidney on radionuclide bone images, Fink-Bennett, Darlene; Dworkin, Howard, 123: 392, 1977
- in vitro stabilization of a low-tin bone-imaging agent (<sup>99m</sup>Tc-Sn-HEDP) by ascorbic acid (ab), Tofe, Andrew J.; Francis, Marion D., 125: 576, 1977
- observations on the sequential use of <sup>99m</sup>Tc-phosphate complex and <sup>67</sup>Ga imaging in osteomyelitis, cellulitis, and septic arthritis, Lisbona, Robert; Rosenthal, Leonard, 123: 123, 1977
- osteochondritis of the tarsal navicula: radioisotopic appearances, McCauley, Roy G. K.; Kahn, Paul C., 123: 705, 1977
- quantitative assessment of para-oste-arthropathy and its maturation on serial radionuclide bone images, Tanaka, Toshiyuki; Rossier, Alain B.; Hussey, Robert W.; Ahnberg, Donald S.; Treves, Salvador, 123: 217, 1977
- radioactive technetium phosphate bone scanning in preoperative assessment and follow-up study of patients with primary cancer of the breast (ab), Citrin, D. L.; Furnival, C. M.; Bessent, R. G.; Greig, W. R.; Bell, G.; Blumgart, L. H., 124: 579, 1977
- radiography and scintigraphy in tumoral calcinosis, Brown, Manuel L.; Thrall, James H.; Cooper, Robert A.; Kim, Young C., 124: 757, 1977
- radionuclide bone scanning in diseases of the spine (RCNA), Patton, Dennis D.; Woolfenden, James M., 15: 177, 1977
- radionuclide imaging in early detection of childhood osteomyelitis and its differentiation from cellulitis and bone infarction (ab), Majd, Massoud, 125: 288, 1977
- radionuclide imaging in skeletal inflammatory and ischemic disease in children (ab), Majd, Massoud; Frenkel, Robert S., 122: 574, 1977
- radionuclide imaging: use in diagnosis of osteomyelitis in children (ab), Gelfand, Michael J.; Silberstein, Edward B., 124: 865, 1977
- reduced uptake of bone seeking radiopharmaceuticals related to iron excess (ab), Parker, J. Anthony; Jones, Alan G.; Davis, Michael A.; McMoyles, Gaellan; Tow, Donald F., 124: 579, 1977
- serial bone-scan changes in recurrent bone infarction (ab), Greyson, N. David; Kassel, Edward E., 122: 288, 1977
- serial bone scanning using technetium 99m diphosphonate in patients undergoing cyclical combination chemotherapy for

- advanced breast cancer (ab), Alexander, J. L.; Gillespie, P. J.; Edelstyn, G. A., 122: 288, 1977
- technetium 99m pyrophosphate bone imaging in the evaluation of trauma (ab), Hisda, Kinichi; Suzuki, Yutaka; Iimori, Mataro, 122: 288, 1977
- visualization of spleen with a bone-seeking radionuclide in child with sickle-cell anemia, Fischer, Keith C.; Shapiro, Stuart; Treves, Salvador, 122: 398, 1977
- what causes lower neck uptake in bone scans? Oppenheim, Bernard E.; Cantez, Sema, 124: 749, 1977
- Bones, sclerosis**
- acro-osteosclerosis in sarcoidosis (ab), Godin, E.; Capesius, P.; Kempf, F., 125: 571, 1977
- autosomal dominant osteosclerosis, Gelman, Martin I., 125: 289, 1977
- autosomal dominant osteosclerosis, Gorlin, Robert J.; Glass, Lillian, 125: 547, 1977
- familial osteosclerosis with abnormalities of the nervous system and meninges (ab), Lehman, Ralph A. W.; Stears, John C.; Wesenberg, Richard L.; Nusbaum, E. Daniel, 125: 280, 1977
- multiple sclerotic osteogenic sarcoma of early childhood (ab), Cremin, B. J.; Heselson, N. G.; Webberg, B. L., 122: 857, 1977
- Van Buchem disease: case report with nosologic, genetic, and pathologic considerations, Eastman, John R.; Bixler, David, 125: 297, 1977
- Book reviews**
- Baum, Gilbert, fundamentals of medical ultrasonography, Reviewed by Maklad, Nabil F., 122: 218, 1977
- Cox, Barbara G., living with lung cancer: reference book for people with lung cancer and their families, Reviewed by O'Bryan, Robert M., 125: 810, 1977
- Eiken, M., roentgen diagnosis of bones. self teaching manual, Reviewed by Kuhns, Lawrence R., 125: 668, 1977
- Epstein, Bernard S., spine. radiological text and atlas, Reviewed by Kaye, Jeremy J., 125: 668, 1977
- Faure, Clement; Coussemont, Alain, les pieges diagnostiques en radiologie pediatrique. monographie des annales de radiologie, Reviewed by Poznanski, A. K., 122: 448, 1977
- Feigenbaum, Harvey, echocardiography, 2nd ed., Reviewed by Winsberg, Fred, 124: 470, 1977
- Gonzalez, Carlos F.; Grossman, Charles B.; Palacios, Enrique, computed brain and orbital tomography. technique and interpretation, Reviewed by Wolpert, Samuel M., 125: 716, 1977
- Graham, Billie J.; Thomas, William N., introduction to physics for radiologic technologists, Reviewed by Rauch, Phillip L., 122: 498, 1977
- Griffiths, Harry J., radiology of renal failure, Reviewed by Jensen, Pamela S., 125: 630, 1977
- Harwood-Nash, Derek C.; Fitz, Charles R., neuroradiology in infants and children, Reviewed by Strand, Roy D., 125: 164, 1977
- Hodson, J., radiology and the kidney: some present concepts. contributions to nephrology, vol. 5, Reviewed by Thornbury, John R., 125: 342, 1977
- Kaplan, Harry A., blood vessels of the brain in 3-D and a synopsis of cerebrovascular anatomy and clinical syndromes, Reviewed by Kieffer, Stephen A., 124: 402, 1977
- Leopold, George R.; Asher, W. Michael, fundamentals of abdominal and pelvic ultrasonography. Saunders monographs in clinical radiology, vol. 6, Reviewed by Cole-Beuglet, Catherine M., 122: 218, 1977
- Littleton, J. T., tomography: physical principles and clinical applications, Reviewed by Kattan, Kenneth R., 122: 586, 1977
- Loose, K. E.; van Dongen, R. J. A. M., eds., atlas of angiography, Reviewed by Weckstein, Malcolm L., 124: 330, 1977
- Marshak, Richard H.; Lindner, Arthur E., radiology of the small intestine, 2nd ed., Reviewed by Friedland, Gerald W., 124: 306, 1977
- McAlpine, Wallace A., heart and coronary arteries. anatomical atlas for clinical diagnosis, radiological investigation and surgical treatment, Reviewed by Torbey, Peter J., 122: 116, 1977
- Meyers, Morton A., dynamic radiology of the abdomen: normal and pathologic anatomy, Reviewed by Jones, Malcolm D., 125: 34, 1977
- Quinn, III, James L., ed., year book of nuclear medicine 1976, Reviewed by Maynard, C. Douglas, 122: 162, 1977
- Salamon, G., ed., advances in cerebral angiography, Reviewed by Tatelman, Maurice, 123: 112, 1977
- Schapiro, Rolf L., clinical radiology of the pediatric abdomen and gastrointestinal tract, Reviewed by Dunbar, J. Scott, 123: 528, 1977
- Sellink, J. L., radiological atlas of common diseases of the small bowel, Reviewed by Wittenberg, Jack, 125: 612, 1977
- Singleton, Edward B.; Wagner, Milton L.; Dutton, Robert V., radiology of the alimentary tract in infants and children. volume 10 of Saunders Monographs in clinical radiology, 2nd ed., Reviewed by Franken, Jr., Edmund A., 124: 462, 1977
- Soto, Benigno; Russell, Jr., Richard O.; Moraski, Roger E., radiographic anatomy of the coronary arteries. atlas, Reviewed by Baltaxe, Harold A., 125: 688, 1977
- Srikantaswamy, Siddalingappa; Segal, Lewis Irwin; Chandramouli, Siddalingappa, percutaneous angiography, Reviewed by Wholey, Mark H., 125: 688, 1977
- Stafne, Edward C.; Gibilisco, Joseph A., eds., oral roentgenographic diagnosis, 4th ed., Reviewed by Eiter, Lewis E., 122: 314, 1977
- Steinbock, R. Ted, paleopathological diagnosis and interpretation. bone diseases in ancient human populations, Reviewed by Clouse, Melvin E., 124: 674, 1977
- Taveras, Juan M.; Wood, Ernest H., diagnostic neuroradiology, Reviewed by Huckman, Michael S., 125: 416, 1977
- Ter-Pogossian, Michel M.; Phelps, Michael E.; Brownell, Gordon L.; Cox, Jr., Jerome R.; Davis, David O.; Evans, Ronald G., reconstruction tomography in diagnostic radiology and nuclear medicine, Reviewed by McCullough, Edwin C., 125: 716, 1977
- Vlodaver, Zeev; Amplatz, Kurt; Burchell, Howard B.; Edwards, Jesse E., coronary heart disease: clinical, angiographic, and pathologic profiles, Reviewed by Byrne, Richard J., 125: 316, 1977
- Whalen, Joseph P., radiology of the abdomen: anatomic basis, Reviewed by Dreyfuss, Jack R., 125: 34, 1977
- White, Jr., Robert I., fundamentals of vascular radiology, Reviewed by Athanasoulis, Christos A., 125: 330, 1977
- Wilson, J. N., ed., fractures and joint injuries, Reviewed by Staple, Tom W., 125: 668, 1977
- Books received**
- tritium measurement techniques. recommendations of the National Council on Radiation Protection and Measurements. NCRP report no. 47, 122: 264, 1977
- radiation protection for medical and allied health personnel, 123: 488, 1977
- structural shielding: design and evaluation for medical use of x-rays and gamma rays of energies up to 10 MeV, 123: 488, 1977
- environmental radiation measurements. NCRP report 50, 124: 504, 1977
- neutron dosimetry for biology and medicine. ICRU report 26, 124: 834, 1977
- oral health surveys: basic methods, 2nd ed., 124: 834, 1977
- diagnostic approach to chest diseases: differential diagnoses based on roentgenographic patterns, 2nd ed., 125: 254, 1977
- epidemiology of road traffic accidents. WHO regional publications European series No. 2. report on a conference held in Vienna, Nov. 4-7, 1975, 125: 254, 1977
- methods of development of new anticancer drugs, National Cancer Institute monograph 45, 125: 254, 1977
- hospital preparation of radiopharmaceuticals, 125: 560, 1977
- international classification of diseases for oncology, 125: 560, 1977
- physics of radiodiagnosis, 125: 560, 1977
- quality control in diagnostic radiology. proceedings of the Hospital Physicists' Association conference on quality control in diagnostic radiology, 125: 560, 1977
- radiation protection design guidelines for 0.1-100 MeV particle accelerator facilities. recommendations of the National Council on Radiation Protection and Measurements, 125: 560, 1977
- review of NCRP radiation dose limit for embryo and fetus in occupationally exposed women. recommendations of the National Council on Radiation Protection and Measurements, 125: 560, 1977
- international classification of diseases: manual of the international statistical classification of diseases, injuries and causes of death, 125: 828, 1977
- Aiden, S. C., californium-252 progress: no. 21, 123: 488, 1977
- Aminoff, M. J., spinal angiomas, 123: 222, 1977
- Ansell, George, ed., complications in diagnostic radiology, 123: 222, 1977
- Barany, Franz R.; Torsoli, Aldo, eds., gastrointestinal emergencies. proceedings of the First International Symposium held at The Wenner-Gren Center, Stockholm, Sept. 1975, 124: 242, 1977
- Barnes, Robert W.; Russell, Henry E.; Wilson, Michael R., Doppler ultrasonic evaluation of venous disease, peripheral arterial disease, and cerebrovascular disease. a programmed audiovisual instruction, 125: 254, 1977
- Bartrum, Jr., Royal J.; Crow, Harte C., gray-scale ultrasound: manual for physicians and technical personnel, 125: 828, 1977
- Bennington, James L.; Handmaker, Hirsch; Freedman, Gerald S., eds., financial operation and management concepts in nuclear medicine, 123: 488, 1977
- Betz, E., ed., ionic actions on vascular smooth muscle with special regard to brain vessels, 122: 542, 1977
- Beyer, William H., CRC standard mathematical tables, 24th ed., 122: 542, 1977
- Bloom, H. J. G.; France, J. Lemerle; Neidhardt, M. K.; Voute, P. A., eds., cancer in children. clinical management, 122: 264, 1977
- Bombelli, Renato, osteoarthritis of the hip: pathogenesis and consequent therapy, 123: 808, 1977
- Bom, N., ed., echocardiology with Doppler applications and real time imaging, 125: 560, 1977
- Bosniak, Morton A.; Siegelman, Stanley S.; Evans, John A., adrenal, retroperitoneum and lower urinary tract, 122: 842, 1977
- Braun-Falco, Otto; Lukacs, Stefan; Goldschmidt, Herbert, dermatologic radiotherapy, 123: 222, 1977
- Browder, Jefferson; Kaplan, Harry A., cerebral dural sinuses and their tributaries, 122: 542, 1977
- Bushong, Stewart C., radiologic science workbook and laboratory manual, 124: 834, 1977
- Carter, Barbara L.; Morehead, James; Wolpert, Samuel M.; Hammerslag, Steven B.; Griffiths, Harry J.; Kahn, Paul C., cross-sectional anatomy: computed tomography and ultrasound correlation, 124: 834, 1977
- Carter, Stephen K., chemotherapy of cancer, Reviewed by Bakowski, Marie T.; Hellmann, Kurt, 125: 560, 1977
- Chabner, Davi-Ellen, language of medicine. a worktext explaining medical terms, 122: 264, 1977
- Cheli, Rodolfo; Aste, Hugo, duodenitis, 122: 842, 1977
- Chen, Thomas S.; Chen, Peter S., essential hepatology, 124: 504, 1977
- Chesney, D. Noreen; Chesney, Muriel O., radiographic anatomy of the chest and abdomen, 123: 222, 1977
- Clark, Ralph D.; Edelen, John S., case studies in echocardiography: diagnostic workbook, 124: 504, 1977
- Clark, Randolph Lee; Cumley, Russell W.; McCay, Joan E., eds., year book of cancer 1976, 123: 808, 1977
- Clark, R. Lee; Howe, Clifton D., eds., cancer patient care at M.D. Anderson hospital and tumor institute, the University of Texas, 122: 842, 1977
- Clarysse, Albert; Kenis, Yvon, cancer chemotherapy. its role in the treatment strategy of hematologic malignancies and solid tumors, 123: 808, 1977
- Cox, Barbara G.; Carr, David T.; Lee, Robert E., living with lung cancer: reference book for people with lung cancer and their families, 124: 834, 1977
- Croll, Millard N.; Brady, Luther W.; Carmichael, Paul; Wallner, Robert J., eds., nuclear ophthalmology, 122: 264, 1977
- Davidson, Alan J., radiologic diagnosis of renal parenchymal disease. Saunders Monographs in clinical radiology, vol. II, 124: 834, 1977
- DeLand, Frank H., cerebral radionuclide angiography, 122: 542, 1977
- del Regato, Juan A.; Spjut, Harlan J.; Ackerman and del Regato's cancer, diagnosis, treatment, and prognosis, 125: 560, 1977



- de Roo, T.; Schroder, H. J., pocket atlas of skeletal age, 125: 254, 1977
- Doby, T., development of angiography and cardiovascular catheterization, 122: 842, 1977
- Donald, Ian; Levi, Salvator, eds., present and future of diagnostic ultrasound, 123: 808, 1977
- Donaldson, Milton H.; Seydel, H. Gunter, eds., trends in childhood cancer, 122: 842, 1977
- Duncan, W.; Nias, A. H. W., clinical radiobiology, 125: 254, 1977
- Eikelaar, Harold Robert, arthroscopy of the knee, 122: 542, 1977
- Eiken, M., roentgen diagnosis of bones. a self teaching manual, 123: 488, 1977
- Faughn, Jerry S.; Kuhn, Karl F., physics for people who think they don't like physics, 124: 242, 1977
- Feigenbaum, Harvey, echocardiography. 2d ed., 123: 222, 1977
- Felson, Benjamin, ed., roentgenology of the gallbladder and biliary tract, 123: 488, 1977
- Figge, Frank H. J., ed., atlas of human anatomy, vol. 1: regions, bones, ligaments, joints and muscles, 124: 242, 1977
- Figge, Frank H. J., ed., atlas of human anatomy, vol. 2: visceral anatomy (cardiovascular, lymphatic, digestive, respiratory, and urogenital systems), 124: 242, 1977
- Forrai, Jeno, radiology of haemophilic arthropathies, 122: 264, 1977
- Francois, R. J., le rachis dans la spondylarthrite ankylosante, 122: 264, 1977
- Frankel, Robert, radiation protection for radiologic technologists, 122: 264, 1977
- Fraser, Robert G.; Pare, J. A. Peter, organ physiology: structure and function of the lung with emphasis on roentgenology. 2nd ed., 125: 254, 1977
- Gambarelli, Joseph; Guerinel, Gerard; Chevrot, Laurent; Mattei, Mathieu, computerized axial tomography. anatomic atlas of serial sections of the human body, anatomy-radiology-scanner, 124: 834, 1977
- Gammill, Stephen Lane, programmed introduction to upper gastrointestinal radiology, 124: 504, 1977
- Gillette, Edward L.; Thrall, Donald E.; Lebel, Jack L., Carlson's veterinary radiology, 3rd ed., 125: 254, 1977
- Gonzalez, Carlos F.; Grossman, Charles B.; Palacios, Enrique, computed brain and orbital tomography: technique and interpretation, 123: 222, 1977
- Goodwin, Paul N.; Rao, Dandamudi V., introduction to the physics of nuclear medicine, 123: 808, 1977
- Gordon, I. R. S.; Ross, F. G. M., diagnostic radiology in paediatrics. postgraduate paediatrics series, 125: 254, 1977
- Gosink, Barbara Bowling; Squire, Lucy Frank, exercises in diagnostic radiology. vol. 8: diagnostic ultrasound, 122: 842, 1977
- Grayson, John; Zingg, Walter, eds., microcirculation: transport mechanisms disease states, vol. 2, 123: 488, 1977
- Gray, Sr., Laman A., ed., endometrial carcinoma and its treatment: role of irradiation, extent of surgery, and approach to chemotherapy, 124: 834, 1977
- Grundmann, E., ed., malignant bone tumors: recent results in cancer research 54, 122: 264, 1977
- Grundmann, Ekkehard; Vahlensieck, Winfried, eds., tumors of the male genital system: recent results in cancer research, 124: 834, 1977
- Gyll, Catherine, handbook of paediatric radiography, 124: 834, 1977
- Hafner, Elisabeth; Meuli, Hans Christoph, radiologic examination in orthopaedics: methods and techniques, 122: 842, 1977
- Hankinson, John; Banna, M., pituitary and paraspinal tumours. major problems in neurology, vol. 6, 124: 242, 1977
- Harwood-Nash, Derek C., neuroradiology in infants and children. 3 vol., 123: 222, 1977
- Hassani, N.; Bard, R., ultrasonography of the abdomen, 122: 264, 1977
- Hatfield, Philip M.; Wise, Robert E., radiology of the gallbladder and bile ducts. section 22 of golden's diagnostic radiology, 123: 488, 1977
- Hild, Walther J., ed., atlas of human anatomy, vol. 3: central nervous system, autonomic nervous system sense organs and skin, peripheral nerves and vessels, 124: 242, 1977
- Hobbs, John C.; Winsberg, Fred, ultrasonography in obstetrics and gynecology, 125: 828, 1977
- Hodson, C. J., ed., radiology and the kidney: some present concepts. contributions to nephrology, vol. 5, 124: 242, 1977
- Hoefken, Walther; Lanyi, Marton, mammography: technique, diagnosis, differential diagnosis, results, 124: 504, 1977
- Horwitz, Thomas, human notochord. study of its development and regression, variations and pathologic derivative, chordoma, 123: 488, 1977
- Hungerford, David S., ed., leg length discrepancy. injured knee. progress in orthopaedic surgery, vol. 1, 124: 504, 1977
- International Agency for Research on Cancer; German Cancer Research Center, directory of on-going research in cancer epidemiology, 1976, 122: 264, 1977
- Jacobi, Charles A.; Paris, Don Q., eds., textbook of radiologic technology. 6th ed., 124: 242, 1977
- Jansky, L.; Musacchia, X. J.; Wilber, Charles G., eds., regulation of depressed metabolism and thermogenesis, 122: 264, 1977
- Johnson, Douglas E., ed., testicular tumors. 2d ed., 123: 222, 1977
- Keifer, Jurgen, ed., radiation and cellular control processes. proceedings in life sciences, 123: 488, 1977
- Klemm, W. R., ed., applied electronics for veterinary medicine and animal physiology, 122: 842, 1977
- Koren, K.; Wuehrmann, A. H., manual on radiation protection in hospitals and general practice, vol. 4: radiation protection in dentistry, 125: 254, 1977
- Kra, Siegfried J., basic correlative echocardiography technique and interpretation, 123: 808, 1977
- Krayenbuhl, H.; Brihaye, J.; Loew, F.; Logue, V.; Mingrino, S.; Pertuiset, B.; Symon, L.; Troupp, H.; Yasargil, M. G., eds., advances and technical standards in neurosurgery. vol. 4, 125: 254, 1977
- Krayenbuhl, H., ed., advances and technical standards in neurosurgery. vol. 3, 123: 488, 1977
- Lanksch, W.; Kazner, E., eds., cranial computerized tomography, 124: 242, 1977
- Laws, Priscilla W., x-rays. more harm than good?, 124: 504, 1977
- Lazorthes, Guy; Gouaze, Andre; Salamon, Georges, vascularisation et circulation de l'encephale. anatomie descriptive et fonctionnelle, vol. 1, 122: 842, 1977
- Leach, K. G., physical aspects of radioisotopic organ imaging. teaching booklet no. 1, 122: 264, 1977
- Lewison, Edward F., ed., conference on spontaneous regression of cancer, 123: 488, 1977
- Lichtlen, P. R., ed., coronary angiography and angina pectoris. symposium of the european society of cardiology, Hanover, March 1975, 122: 264, 1977
- Littleton, J. T.; Durizch, M. L.; Crosby, E. H.; Geary, J. C., tomography: physical principles and clinical applications. golden's diagnostic radiology, section 17, 122: 264, 1977
- Mandell, Charles H., scintillation camera lung imaging: an anatomic atlas and guide, 122: 264, 1977
- Mansfield, Carl M., early breast cancer: its history and results of treatment. experimental biology and medicine monographs on interdisciplinary topics, vol. 5, 124: 834, 1977
- Maquet, Paul G. J., biomechanics of the knee with application to the pathogenesis and the surgical treatment of osteoarthritis, 123: 808, 1977
- Mason, Thomas J.; McKay, Frank W.; Hoover, Robert; Blot, William J.; Fraumeni, Jr., Joseph F., atlas of cancer mortality among U.S. nonwhites: 1950-1969, 123: 222, 1977
- Mathe, Georges, cancer active immunotherapy: immunoprophylaxis and immunorestitution, 122: 542, 1977
- McCallum, R. W.; Colapinto, V., urological radiology of the adult male lower urinary tract: anatomy, physiology, pathology and sequelae diagnosis and management, 122: 264, 1977
- McDonald, Ian G.; Comroe, Julius, introduction to echocardiography, 122: 842, 1977
- Meire, H. B.; Armstrong, P., introduction to the principles of diagnostic ultrasound. teaching booklet no. 2, 122: 264, 1977
- Melamed, Myron; Hipona, Florencio A.; Reyes, Carlos J.; Barker, Walter L.; Paredes, S., adult postoperative chest, 123: 808, 1977
- Mercier, Cl.; Huguet, J. F., les syndromes vasculaires de la traversée thoraco-brachiale, 122: 842, 1977
- Meyer, Richard A.; Uphoff, Russel L.; Korfhagen, Joan, pediatric echocardiography, 125: 254, 1977
- Meyers, Morton A.; Kazam, Elias, dynamic radiology of the abdomen: normal and pathologic anatomy, 122: 264, 1977
- Miller, Roscoe E.; Skucas, Jovites, eds., radiographic contrast agents, 125: 828, 1977
- Miskovics, Christine, echocardiography: manual for technicians, 125: 560, 1977
- Murray, Ronald O.; Jacobson, Harold G., radiology of skeletal disorders. exercises in diagnosis. 2nd ed. vols. 1, 2, 3, and 4, 124: 834, 1977
- Nahum, H.; Fekete, F., radiologie de l'appareil digestif opere, 122: 842, 1977
- Namer, Moise; Lalanne, Claude M., eds., hormones and breast cancer (hormones et cancer du sein). proceedings of the symposium held at Nice, May 23-24, 1975, 123: 222, 1977
- Okuda, Kunio; Peters, Robert L., eds., hepatocellular carcinoma, 122: 264, 1977
- Okuda, Kunio; Iio, Masahiro, radiological aspects of the liver and biliary tract. x-ray and radioisotope diagnosis, 123: 488, 1977
- Oliva, Luigi, manuale di ecotomografia, 123: 488, 1977
- Parker, Bruce R.; Castellino, Ronald A., eds., pediatric oncologic radiology, 125: 828, 1977
- Park, W. M.; Reece, B. L., fundamental aspects of medical thermography. teaching booklet no. 3, 122: 264, 1977
- Phillips, C. G.; Henson, R. A., eds., brain: journal of neurology. vol. 99, parts I and II, 122: 264, 1977
- Pontilena, Nicholas; Boccabella, Anthony V.; Pearlman, Theodore; Alger, Elizabeth, visual approach to radiographic anatomy, 122: 842, 1977
- Potchen, E. James, ed., current concepts in radiology. vol. 3, 124: 834, 1977
- Ramsey, Ruth G., advanced exercises in diagnostic radiology-computed tomography of the brain—with clinical, angiographic, and radionuclide correlation. Vol. 9, 1st ed., 123: 808, 1977
- Ramwell, Peter W., ed., prostaglandins, 125: 560, 1977
- Rhodes, Buck A., ed., quality control in nuclear medicine: radiopharmaceuticals, instrumentation, and in vitro assays, 125: 560, 1977
- Robbins, John B.; DeVita, Jr., Vincent T.; Dutz, Werner, eds., symposium on pneumocystis carinii infection, 123: 488, 1977
- Roelandt, Jos, practical echocardiography. ultrasound in medicine series, vol. 1, 124: 504, 1977
- Rosenfeld, Sheila Dworkin; White, Susan A., nuclear medicine: technology review, 125: 254, 1977
- Salamon, Georges; Huang, Yun Peng, radiologic anatomy of the brain, 123: 222, 1977
- Sanders, Roger C.; James, Jr., A. Everette, eds., ultrasonography in obstetrics and gynecology, 125: 560, 1977
- Schertel, Lothar; Puppe, Dietlof; Schnepfer, Elmar; Witt, Helmut; zum Winkel, Karl, atlas of xeroradiography, 124: 834, 1977
- Selby, John Bayne; Frey, G. Donald, self-assessment of current knowledge in nuclear medicine. 1,012 multiple choice questions and referenced answers, 123: 808, 1977
- Sellink, J. L., radiological atlas of common diseases of the small bowel, 122: 842, 1977
- Selman, Joseph, basic physics of radiation therapy, 2d ed., 122: 542, 1977
- Selman, Joseph, fundamentals of x-ray and radium physics. 6th ed., 125: 254, 1977
- Serafini, Aldo N.; Gilson, Albert J.; Smoak, William M., eds., nuclear cardiology: principles and methods, 124: 504, 1977
- Sitzbach, Louis E., ed., seventh international conference on sarcoidosis and other granulomatous disorders, 122: 842, 1977
- Singleton, Edward B.; Wagner, Milton L.; Dutton, Robert V., radiology of the alimentary tract in infants and children. Saunders monographs in clinical radiology. vol. 10, 2nd ed., 124: 242, 1977
- Spencer, Richard P., nuclear medicine: focus on clinical diagnosis, 125: 254, 1977
- Sprawls, Jr., Perry, physical principles of diagnostic radiology, 125: 828, 1977
- Srikantawamy, Siddalingappa; Segal, Lewis Irwin; Chandramouli, Siddalingappa, percutaneous angiography, 124: 504, 1977

- St.-Arneault, Guy; Band, Pierre; Israel, Lucien, eds., breast cancer: multidisciplinary approach. recent results in cancer research, 124: 242, 1977
- Steinbock, R. Ted, paleopathological diagnosis and interpretation. bone diseases in ancient human populations, 123: 488, 1977
- Sternick, Edward S., ed., computer applications in radiation oncology. proceedings of the fifth international conference on the use of computers in radiation therapy, 122: 264, 1977
- Stewart, John C.; Hawcroft, David M., manual of radiobiology: biology series, 125: 254, 1977
- Stryker, John A.; Clement, John A., therapeutic radiology: continuing education review. 418 essay questions and referenced answers, 125: 560, 1977
- Sussman, Marcy L.; Newman, Alex, urologic radiology, 2nd ed. golden's diagnostic radiology, section 8, 122: 264, 1977
- Tannenbaum, Myron, ed., urologic pathology: prostate, 124: 834, 1977
- Teplick, J. George; Haskin, Marvin E., roentgenologic diagnosis: complement in radiology to the Beeson and McDermott textbook of medicine. 2 vol. 3d ed., 123: 222, 1977
- Ter-Pogossian, Michel M.; Phelps, Michael E.; Brownell, Gordon L.; Cox, Jr., Jerome R.; Davis, David O.; Evens, Ronald G., reconstruction tomography in diagnostic radiology and nuclear medicine, 125: 828, 1977
- Vaeth, Jerome M., ed., breast cancer: its impact on the patient, family, and community, 122: 842, 1977
- van Andel, G. J., percutaneous transluminal angioplasty: dotter procedure. a manual for the radiologist, 124: 242, 1977
- Vlodaver, Zeev; Amplatz, Kurt; Burchell, Howard B.; Edwards, Jesse E., coronary heart disease: clinical, angiographic and pathologic profiles, 122: 264, 1977
- Wachsmann, F.; Drexler, G., graphs and tables for use in radiology, 2nd ed., 122: 264, 1977
- Walsh, Anthony; McNulty, James G., urinary tract. advanced exercises in diagnostic radiology, vol. 10, 125: 560, 1977
- Warrick, C. K., anatomy and physiology for radiographers and radiologic technicians. 5th ed., 124: 834, 1977
- Wells, P. N. T., biomedical ultrasonics, 125: 828, 1977
- Wexler, Howard A.; Poole, Catherine A., pediatric radiology case studies, 125: 828, 1977
- Whalen, Joseph P., radiology of the abdomen: anatomic basis, 123: 488, 1977
- Wilson, J. N., ed., fractures and joint injuries. 2 vol., 123: 222, 1977
- Wolfe, John N., xeroradiography: uncalcified breast masses, 124: 834, 1977
- Wullenweber, R.; Brock, M.; Hamer, J.; Klingner, M.; Spoerri, O., eds., lumbar disc. adult hydrocephalus. advances in neurosurgery. proceedings of the 27th annual meeting of the deutsche gesellschaft für neurochirurgie, Berlin, September 12-15, 1976, 124: 504, 1977
- Wynne-Davies, Ruth; Fairbank, T. J.; Chir, B., Fairbank's atlas of general affections of the skeleton. 2d ed., 123: 222, 1977
- Bouveret (gallstone obstruction) syndrome**  
See Gallbladder, calculi
- Brain**  
See also Aqueeduct of Sylvius; Brain neoplasms; Cerebellum; Choroid plexus; Cisterns, subarachnoid; Corpus callosum; Head; Hydrocephalus; Meninges; Sella turcica, etc.  
cavum veli interpositi: roentgen anatomy—pathology and physiology (ab), Picard, L.; Leymarie, F.; Roland, J.; Siegiel, M.; Masson, J. P.; Andre, J. M.; Renard, M., 125: 851, 1977
- Brain, abnormalities**  
cerebral malformations in the oro-facial-digital syndrome of Papillon-Leage and Psamme (ab), Baraton, Jeanine, 125: 565, 1977  
complete esophageal obstruction from cricopharyngeal achalasia, Bergman, Alan B.; Lewicki, Ann M., 123: 239, 1977  
computed tomographic evaluation of increased intracranial pressure without localizing signs, Weisberg, Leon; Nice, Charles N., 122: 133, 1977  
congenital craniocerebral abnormalities and computed tomography (ab), Harwood-Nash, Derek C., 123: 534, 1977  
experience with Arnold-Chiari malformation, 1960-1970 (ab), Saez, Ruben J.; Ohofrio, Burton M.; Yanagihara, Takehiko, 123: 830, 1977  
mesencephalic spur (beaking deformity of the tectum) in Arnold Chiari malformation (ab), Adeoye, Adelola, 124: 269, 1977  
microsurgery of Arnold-Chiari malformation in adults with and without hydromyelia (ab), Rhoton, Albert L., 124: 279, 1977  
tentorium in axial section. I. normal CT appearance and non-neoplastic pathology, Naidich, Thomas P.; Leeds, Norman E.; Kricheff, Irvin L.; Pudlowski, Rochelle M.; Naidich, James B.; Zimmerman, Robert D., 123: 631, 1977
- Brain, abscess**  
cerebral abscess with special reference to the angiographic changes (ab), Nielsen, H.; Halaburt, H., 124: 565, 1977  
computed tomographic appearance of methotrexate-induced necrotizing leukoencephalopathy, Bjorgren, John E.; Gold, Lawrence H. A., 122: 377, 1977  
computed tomography in the diagnosis of cerebral abscess (ab), Nielsen, H.; Glyndensted, C., 124: 852, 1977  
CT in the diagnosis of supratentorial tumors (SR), Davis, David O., 12: 97, 1977  
evaluation of brain and epidural abscesses by computed tomography, Lott, Thomas; El Gammal, Taher; Dasilva, Rui; Hanks, Dan; Reynolds, Johnny, 122: 371, 1977  
evolution of cerebral abscess: correlation of clinical features with computed tomography: case report (ab), Zimmerman, Robert A.; Bilaniuk, Larissa T.; Shipkin, Paul M.; Gilden, Donald H.; Murtagh, Frederick, 125: 846, 1977  
focal angiographic abnormalities with subdural empyema (ab), Kaufman, D. M.; Leeds, N. E., 124: 271, 1977  
radiological features of brain abscess in congenital heart disease (ab), Ng, K. K.; Wong, W. K.; Raju, L., 125: 853, 1977
- Brain, anatomy**  
anatomy of the cavernous sinus: microsurgical study (ab), Harris, Frank S.; Rhoton, Albert L., 123: 250, 1977  
asymmetry of the lateral (Sylvian) fissures in man (ab), Rubens, Alan B.; Mahowald, Mark W.; Hutton, J. Thomas, 122: 272, 1977  
frontal ventricular dimensions on normal computed tomography (ab), Hahn, Francis J. Y.; Rim, Kwan, 123: 248, 1977
- Brain, angiography**  
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- Brain, atrophy**  
clinical significance of pneumographic cerebellar atrophy (ab), Kennedy, P.; Swash, M.; Wylie, I. G., 124: 271, 1977  
computed tomography in cerebral hemiatrophy (AJR), Jacoby, Charles G.; Go, Raymundo T.; Hahn, Francis J., 129: 5, 1977  
computed tomography of systemic lupus erythematosus, Bilaniuk, Larissa T.; Patel, Suresh; Zimmerman, Robert A., 124: 119, 1977  
computerized tomography in the diagnosis of cerebral atrophy (ab), Roberts, Margaret A.; Caird, F. L.; Grossart, K. W.; Stevens, J. L., 124: 852, 1977  
computer tomography of the cerebrum in multiple sclerosis (ab), Glyndensted, C., 124: 269, 1977  
correlation between diffuse EEG abnormalities and cerebral atrophy in senile dementia (ab), Stefoski, Susan; Bergen, Donna; Fox, Jacob H.; Morrell, Frank; Huckman, Michael S.; Ramsey, Ruth G., 124: 853, 1977  
superficial cortical atrophy simulating bilateral subdural hematomas (ab), Teates, Charles D.; Allen, Donald M., 124: 287, 1977
- Brain, blood supply**  
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cerebral blood volume alterations during fractional pneumoencephalography (ab), Voigt, Karsten; Greitz, Torgny, 123: 249, 1977  
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measurement of CBF and carotid artery pressure compared with cerebral angiography in assessing collateral blood supply after carotid ligation (ab), Jawad, Khalil; Miller, J. Douglas; Wyper, David J.; Rowan, John O., 125: 849, 1977  
normal ocular circulation and effect of arterial occlusive disorders, Li, Florence C.; Tenner, Michael S.; Rothman, Lewis; Quencer, Robert M., 123: 369, 1977
- radiological study of the choroid plexus of the fourth ventricle (ab), Bradac, G. B.; Simon, R. S.; Fiegler, W.; Schneider, H., 124: 270, 1977**  
transverse anastomoses of the veins of the base of the brain (ab), Braun, J. P.; Tournade, A.; Ammerich, H., 124: 564, 1977  
venous drainage of the tectum mesencephali: an anatomical angiographic study of the quadrigeminal veins (ab), Tamaki, N.; Taomoto, K.; Fujiwara, K.; Yamashita, H.; Matsumoto, S.; Takeda, H., 124: 270, 1977
- Brain, calcification**  
computed tomography in the evaluation of herpes simplex encephalitis, Dublin, Arthur B.; Merten, David F., 125: 133, 1977  
radiology of cysticercosis of the central nervous system including computed tomography, Carbajal, Jesus Rodriquez; Palacios, Enrique; Azar-Kia, Behrooz; Churchill, Robert, 125: 127, 1977
- Brain, computed tomography**  
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- Brain, cysts**  
cerebral echinococcal cyst demonstrated on radionuclide angiogram: case report, Schrupf, John; Hoffer, Paul B., 125: 170, 1977  
computed tomography of porencephaly and other cerebrospinal fluid-containing lesions, Ramsey, Ruth G.; Huckman, Michael S., 123: 73, 1977  
CT in the diagnosis of supratentorial tumors (SR), Davis, David O., 12: 97, 1977  
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fat-fluid level in intracranial epidermoid cyst (AJR), Cornell, Steven H.; Graf, Carl J.; Dolan, Kenneth D., 128: 502, 1977  
intraventricular fat-fluid level secondary to rupture of an intracranial dermoid cyst (AJR), Maravilla, Kenneth R., 128: 500, 1977  
nonspecificity of absorption coefficients in the differentiation of solid tumors and cystic lesions, Latchaw, Richard E.; Gold, Lawrence H. A.; Moore, Jr., James S.; Payne, J. Thomas, 125: 141, 1977  
radiology of cysticercosis of the central nervous system including computed tomography, Carbajal, Jesus Rodriquez; Palacios, Enrique; Azar-Kia, Behrooz; Churchill, Robert, 125: 127, 1977  
rare sites of hydatid disease in children (ab), Gharbi, H. A.; Cheikh, M. Ben; Hamza, R.; Jeddi, M.; Hamza, B.; Jedidi, H.; Bendridi, M. F., 125: 285, 1977  
statistical profiles in computed tomography, Kramer, Richard A.; Yoshikawa, Bonnie M.; Scheibe, Paul O.; Janetos, George P., 125: 145, 1977  
symptomatic Rathke's cleft cyst: case report (ab), Eisenberg, Howard M.; Sarwar, Mohammad; Schochet, Sydney, 124: 272, 1977  
thin-section computed tomography in the evaluation of third ventricular colloid cysts, Osborn, Anne G.; Wing, S. Douglas, 124: 257, 1977
- Brain, death**  
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- Brain, diseases**  
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computed tomography in diagnosis of degenerative diseases of the brain (ab), Huckman, Michael S.; Fox, Jacob H.; Ramsey, Ruth G., 123: 534, 1977  
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visualization of the cerebral ventricular system in an adult with Tc-DTPA (ab), Logic, J.; Dubovsky, E. V.; Harsh, G. R., 122: 864, 1977
- Brain, edema**  
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- Brain, effects of irradiation**

- effects of fast neutrons and x rays on the subependymal layer of the rat brain, Chausser, Barry; Morris, Caroline; Field, Stanley B.; Lewis, Paul D., 122: 821, 1977
- late pseudotumoral brain necrosis following irradiation of a scalp neoplasm: case report (ab), Queiroz, Luciano De S.; Da Cruz Neto, Joaquim N., 124: 288, 1977
- monkey brain damage from radiation in the therapeutic range (ab), Nakagaki, Hiroyuki; Brunhart, Gunter; Kempter, Thomas L.; Caveness, William F., 122: 576, 1977
- postirradiation necrosis of the temporal lobe presenting as a glioma (ab), Diengdoh, J. Victor; Booth, Anthony E., 122: 575, 1977
- Brain, hemorrhage**
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- cerebral cortical arteries in the diagnosis of epidural hematoma (ab), Glickman, M. G.; Handel, S. F.; Hoff, J. T.; Coulson, W., 125: 849, 1977
- cerebral vascular lesions: infarction, hemorrhage, aneurysm, and arteriovenous malformation (ab), Lukin, Robert R.; Chambers, A. Alan; Tomsick, Thomas A., 123: 534, 1977
- computed tomographic evaluation of hemorrhage secondary to intracranial aneurysms (ab), Davis, Kenneth R.; New, Paul F. J.; Ojemann, Robert G.; Crowell, Robert M.; Morawetz, Richard B.; Roberson, Glenn H., 123: 830, 1977
- computed tomography: contrast enhancement in resolving intracerebral hemorrhage (AJR), Messina, Albert V., 127: 1050, 1976
- computed tomography in head trauma, Dublin, Arthur B.; French, Barry N.; Rennick, John M., 122: 365, 1977
- computed tomography in the evaluation of intracranial aneurysms and subarachnoid hemorrhage, Scotti, Giuseppe; Ethier, Romeo; Melancon, Denis; Terbrugge, Karel; Tchang, Stanley, 123: 85, 1977
- computed tomography of intracerebral hematomas. I. transmission CT observations on hematoma resolution (AJR), Dolinskas, Carol A.; Bilaniuk, Larissa T.; Zimmerman, Robert A.; Kuhl, David E., 129: 681, 1977
- computed tomography of intracerebral hematomas. II. radionuclide and transmission CT studies of the perihematoma region (AJR), Dolinskas, Carol A.; Bilaniuk, Larissa T.; Zimmerman, Robert A.; Kuhl, David E.; Alavi, Abbas, 129: 689, 1977
- computed tomography of systemic lupus erythematosus, Bilaniuk, Larissa T.; Patel, Suresh; Zimmerman, Robert A., 124: 119, 1977
- computerized axial tomography in cerebral vascular disease (ab), Kinkel, William R.; Jacobs, Lawrence, 123: 819, 1977
- computerized axial tomography of intracerebral hematomas: clinical and neuropathological study (ab), Butzer, John F.; Cancillia, Pasquale A.; Cornell, Steven H., 123: 248, 1977
- detection of subarachnoid blood clot and other thin flat structures by computed tomography, Lim, Samuel T.; Sage, Donald J., 123: 79, 1977
- diagnosis of descending transtentorial herniation by cranial computed tomography, Osborn, Anne G., 123: 93, 1977
- diagnosis of isodense subdural hematomas by computed tomography (AJR), Amendola, Marco A.; Ostrum, Bernard J., 129: 693, 1977
- evaluation of head trauma by computed tomography, Koo, Andrew H.; LaRoque, Robert L., 123: 345, 1977
- hemorrhage in bilateral choroid plexus hemangiomas demonstrated by computed tomography: case report (ab), Towfighi, Javad; Bilaniuk, Larissa T.; Zimmerman, Robert A.; Langfitt, Thomas A.; Gonatas, Nicholas K., 123: 248, 1977
- management of intracerebral hemorrhage in idiopathic thrombocytopenic purpura: report of four cases (ab), Humphreys, Robin P.; Hockley, Anthony D.; Freedman, Melvin H.; Saunders, E. Fred, 125: 663, 1977
- metastatic tumor presenting as intracerebral hemorrhage: report of 6 cases examined by computed tomography, Gildersleeve, Jr., Nathaniel; Koo, Andrew H.; McDonald, Cyril J., 124: 109, 1977
- quantitative aspects of computed tomography of blood and cerebrospinal fluid, Norman, David; Price, David; Boyd, Douglas;
- Fishman, Robert; Newton, Thomas H., 123: 335, 1977
- ring blush associated with intracerebral hematoma, Zimmerman, Robert D.; Leeds, Norman E.; Naidich, Thomas P., 122: 707, 1977
- subependymal germinal matrix and intraventricular hemorrhage in premature infants: diagnosis by CT (AJR), Burstein, Jerome; Papile, Luann; Burstein, Rochelle, 128: 971, 1977
- Brain, hernia**
- acquired spontaneous, nontraumatic normal-pressure cerebrospinal fluid fistulas originating from the middle fossa, Kaufman, Benjamin; Nulsen, Frank E.; Weiss, Martin H.; Brodkey, Jerald S.; White, Robert J.; Sykora, Glenn F., 122: 379, 1977
- Brain, infarction**
- brain scanning in unilateral and bilateral occlusion of posterior cerebral arteries, Einsiedel-Lechtepe, Helga; Lechtepe-Gruter, Reinhard, 123: 393, 1977
- capacity for computed tomography diagnosis of cerebral infarction: experimental study in the nonhuman primate, Drayer, Burton P.; Dujovny, Manuel; Boehne, Manfred; Wolfson, Jr., Sidney K.; Barrionuevo, Pedro J.; Cook, Eugene E.; Rosenbaum, Arthur E., 125: 393, 1977
- cerebral vascular lesions: infarction, hemorrhage, aneurysm, and arteriovenous malformation (ab), Lukin, Robert R.; Chambers, A. Alan; Tomsick, Thomas A., 123: 534, 1977
- cerebrovascular disease in childhood, Savage, J. P.; Gilday, David L.; Ash, Judith M., 123: 385, 1977
- computed tomography of systemic lupus erythematosus, Bilaniuk, Larissa T.; Patel, Suresh; Zimmerman, Robert A., 124: 119, 1977
- computerized axial tomography in cerebral vascular disease (ab), Kinkel, William R.; Jacobs, Lawrence, 123: 819, 1977
- cranial computed tomography in aphasia: correlation of anatomical lesions with functional deficits, Hayward, Robert W.; Naeser, Margaret A.; Zatz, Leslie M., 123: 653, 1977
- evaluation of head trauma by computed tomography, Koo, Andrew H.; LaRoque, Robert L., 123: 345, 1977
- evaluation of recent cerebral infarction by computerized tomography (ab), Masden, Joseph C.; Akar-Kia, Behrooz; Rubino, Frank A., 125: 846, 1977
- quantitative study of the EMI values obtained for normal brain cerebral infarction and certain tumours (ab), Ambrose, James; Gooding, M. R.; Griver, J.; Richardson, A. E., 124: 269, 1977
- Brain, infection**
- computed tomography in the evaluation of herpes simplex encephalitis, Dublin, Arthur B.; Merten, David F., 125: 133, 1977
- intracranial infections: investigation by computerized axial tomography (ab), Claveria, L. E.; du Boulay, G. H.; Moseley, I. F., 124: 564, 1977
- Brain, inflammation**
- computed tomography in progressive multifocal leukoencephalopathy (AJR), Conomy, John P.; Weinstein, Meredith A.; Agamanolis, Dimitris; Holt, Walcott S., 127: 663, 1976
- Brain, necrosis**
- late pseudotumoral brain necrosis following irradiation of a scalp neoplasm: case report (ab), Queiroz, Luciano De S.; Da Cruz Neto, Joaquim N., 124: 288, 1977
- postirradiation necrosis of the temporal lobe presenting as a glioma (ab), Diengdoh, J. Victor; Booth, Anthony E., 122: 575, 1977
- Brain neoplasms**
- See also Cerebellum; Choroid plexus; Meninges, neoplasms; under names of individual neoplasms, as Glioma
- radiation sensitivity of cultured human glioblastoma cells, Gerweck, Leo E.; Kornblith, Paul L.; Burlett, Peg; Wang, Janice; Sweigert, Susan, 125: 231, 1977
- Brain neoplasms, angiography**
- role of the radionuclide brain image in the diagnosis of brainstem gliomas, Donahoe, C. Ronald; Robinson, Ralph G.; Kishore, Pulla R. S.; Kepes, John J., 125: 735, 1977
- Brain neoplasms, computed tomography**
- computed tomography of angiographically occult cerebral vascular malformations, Kramer, Richard A.; Wing, S. Douglas, 123: 649, 1977
- Brain neoplasms, diagnosis**
- See also Brain neoplasms, radionuclide diagnosis; other subheads under Brain neoplasms
- analysis of the dense lesion at computed tomography with dual kVp scans, Marshall, Jr., William H.; Easter, Wayne; Zatz, Leslie M., 124: 87, 1977
- cerebral hamartoma mimicking the angiographic appearance of congenital fusiform aneurysm (AJR), Olsson, Harold E.; Spitzer, Robert M.; Heggeness, Lucille; Javid, Rouhallah, 128: 1049, 1977
- chordoma: radiologic evaluation of 20 cases (AJR), Firooznia, Hossein; Pinto, Richard S.; Lin, Joseph P.; Baruch, Hans H.; Zausner, Joseph, 127: 797, 1976
- clinical and pathological study of 24 cases of gliosarcoma (ab), Morantz, Robert A.; Feigin, Irwin; Ransohoff, III, Joseph, 123: 819, 1977
- computed tomographic evaluation of increased intracranial pressure without localizing signs, Weisberg, Leon; Nice, Charles N., 122: 133, 1977
- computed tomography in extra-dural epidermoid and xanthoma (ab), Tadmor, Rina; Davis, Kenneth R.; Roberson, Glenn H.; New, Paul F. J.; Taveras, Juan M., 125: 565, 1977
- computerized (axial) tomography in the serial study of cerebral tumors treated by radiation: preliminary report (ab), Carella, Richard J.; Pay, Norman T.; Newall, Joseph; Farina, Anthony T.; Krichieff, Irvin I.; Cooper, Jay S., 123: 248, 1977
- computer tomography in intracranial tumors: cooperative study of 1658 neoplasms (ab), Wende, S.; Aulich, A.; Kretschmar, K.; Grumme, Th.; Meese, W.; Lange, S.; Steinhoff, H.; Lanksch, W.; Kazner, E., 125: 846, 1977
- dense intracranial epidermoid tumors: computed tomographic observations, Braun, Ira F.; Naidich, Thomas P.; Leeds, Norman E.; Koslow, Maxim; Zimmerman, Harry M.; Chase, Norman E., 122: 717, 1977
- detection of small trigeminal neurinomas (ab), Levinthal, Robert; Bentson, John R., 124: 271, 1977
- diagnosis of descending transtentorial herniation by cranial computed tomography, Osborn, Anne G., 123: 93, 1977
- diagnosis of progressive multifocal leukoencephalopathy by computed tomography, Carroll, Barbara A.; Lane, Barton; Norman, David; Enzmann, Dieter R., 122: 137, 1977
- diagnosis of radiosensitive hypothalamic tumors without craniotomy: endocrine and neuroradiologic studies of intracranial atypical teratomas (ab), Spiegel, Allen M.; Di Chiro, Giovanni; Gorden, Phillip; Ommaya, Ayub K.; Kolins, Jerry; Pomeroy, Thomas C., 124: 271, 1977
- ependymomas and ependymoblastomas in children (ab), Dohrmann, George J.; Farwell, Jacqueline R.; Flannery, John T., 124: 272, 1977
- epidermoid tumors with intraventricular and subarachnoid fat: report of two cases (AJR), Laster, D. Wayne; Moody, Dixon M.; Ball, Marshall R., 128: 504, 1977
- extra-axial growth of fourth ventricle tumours—angiographic changes (ab), Wolpert, S. M.; Hammerschlag, S. B., 124: 853, 1977
- glioblastoma multiforme with extraneural metastases in the absence of previous surgery (ab), Hulbani, Sharada; Goodman, Paul A., 122: 850, 1977
- intracranial cavernous angioma (AJR), Bartlett, John E.; Kishore, Pulla R. S., 128: 653, 1977
- non-specificity of absorption coefficients in the differentiation of solid tumors and cystic lesions, Latchaw, Richard E.; Gold, Lawrence H. A.; Moore, Jr., James S.; Payne, J. Thomas, 125: 141, 1977
- off-line image processing system for digital display in computed tomography, Larsen, Lawrence E.; Evans, Robert A., 123: 361, 1977
- periventricular spread of tumor demonstrated by computed tomography, McGeeachie, Robert E.; Gold, Lawrence H. A.; Latchaw, Richard E., 125: 407, 1977
- practical points in the diagnosis of intracranial tumors with computed tomography (CT) (ab), Elke, M.; Wigli, U.; Hunig, R., 125: 846, 1977
- primary intracranial rhabdomyosarcoma producing proptosis (ab), Shuangshoti,



- Samruay; Phonprasert, Chare, 122: 272, 1977
- quantitative study of the EMI values obtained for normal brain cerebral infarction and certain tumors (ab), Ambrose, James; Gooding, M. R.; Griver, J.; Richardson, A. E., 124: 269, 1977
- radiodiagnosis of intracranial pearly tumors with particular reference to the value of computer tomography (ab), Fawcett, R. A.; Isherwood, I., 124: 269, 1977
- reliability of computed tomography: correlation with neuropathologic findings (AJR), Mori, Hirofumi; Lu, Chun H.; Chiu, Lee C.; Cancilla, Pasquale A.; Christie, James H., 128: 795, 1977
- tentorium in axial section. II. lesion localization, Naidich, Thomas P.; Leeds, Norman E.; Kricheff, Irvin I.; Pudlowski, Rochelle M.; Naidich, James B.; Zimmerman, Robert D., 123: 639, 1977
- three cases of communicating syringomyelia secondary to midbrain gliomas (ab), Williams, Bernard; Timperley, W. R., 125: 848, 1977
- use of computed axial tomography (CAT) for the diagnosis and management of intracranial angiomas (ab), Kendall, B. E.; Claveria, L. E., 124: 564, 1977
- utilization, reliability, and cost effectiveness of cranial computed tomography in evaluating pseudotumor cerebri (AJR), Evens, Ronald G.; Rujanavech, Naris; Mikhael, Michael A., 129: 263, 1977
- Brain neoplasms, in infants and children**
- occipital mesenchymal tumors of infancy: report of three cases (ab), Hockley, Anthony D.; Hoffman, Harold J.; Hendrick, E. Bruce, 125: 848, 1977
- primary cerebral neuroblastoma: clinicopathological study of 35 cases (ab), Horten, Bruce C.; Rubinstein, Lucien J., 125: 848, 1977
- Brain neoplasms, metastases**
- computerized tomography in the detection of intracranial metastases in children (ab), Dymont, Paul G.; Rothner, A. David; Duchesneau, Paul M.; Weinstein, Meredith A., 122: 272, 1977
- CT in the diagnosis of supratentorial tumors (SR), Davis, David O., 12: 97, 1977
- intracranial ependymomas, Kim, Young H.; Fayos, Juan V., 124: 805, 1977
- Brain neoplasms, radionuclide diagnosis**
- See also Brain, radionuclide studies
- brain scanning in patients with advanced lung cancer (ab), White, Douglas R.; Muss, Hyman B.; Cowan, Robert J., 122: 864, 1977
- comparative evaluation of  $^{99m}\text{Tc}$  GH,  $^{99m}\text{TcO}_4$ , and  $^{99m}\text{Tc}$  DTPA as brain imaging agents, Rollo, F. David; Cavalieri, Ralph R.; Born, Mark; Blei, Lynn; Chew, Mailine, 123: 379, 1977
- computerized cranial tomography and radionuclide imaging in the detection of intracranial mass lesions (SNM), Alderson, Philip O.; Gado, Mokhtar H.; Siegel, Barry A., 7: 161, 1977
- "doughnut" sign in brain scanning (ab), Tarcan, Yavuz A.; Pajman, William; Marc, Joseph; Berg, David, 122: 572, 1977
- role of the radionuclide brain image in the diagnosis of brainstem gliomas, Donahoe, C. Ronald; Robinson, Ralph G.; Kishore, Pulla R. S.; Kepes, John J., 125: 735, 1977
- unusual presentation of glioblastoma multiforme on serial scintiscans (ab), Gooneratne, Nihal S.; Quinn, III, James L.; Pickus, Meline, 124: 579, 1977
- Brain neoplasms, secondary**
- brain scanning in patients with advanced lung cancer (ab), White, Douglas R.; Muss, Hyman B.; Cowan, Robert J., 122: 864, 1977
- computerized tomography of infratentorial tumors (SR), Gado, Mokhtar H.; Huete, Isidro; Mikhael, Michael, 12: 109, 1977
- metastatic tumor presenting as intracerebral hemorrhage: report of 6 cases examined by computed tomography, Gildersleeve, Jr., Nathaniel; Koo, Andrew H.; McDonald, Cyril J., 124: 109, 1977
- Brain neoplasms, therapeutic radiology**
- computerized (axial) tomography in the serial study of cerebral tumors treated by radiation: preliminary report (ab), Carella, Richard J.; Pay, Norman T.; Newall, Joseph; Farina, Anthony T.; Kricheff, Irvin I.; Cooper, Jay S., 123: 248, 1977
- intracranial ependymomas, Kim, Young H.; Fayos, Juan V., 124: 805, 1977
- radiation therapy of craniopharyngioma, Onoyama, Yasuto; Yabumoto, Eizo; Takeuchi, Juji, 125: 799, 1977
- radiation therapy of thalamic, midbrain and brain stem gliomas, Greenberger, Joel S.; Cassidy, J. Robert; Levene, Martin B., 122: 463, 1977
- Brain, pressure**
- intratentorial retrocerebellar cysts (ab), Mori, Koreaki; Hayashi, Takashi; Handa, Hajime, 125: 564, 1977
- Brain, radiography**
- See also Computed tomography
- complications of cerebral angiography and pneumography, Miller, Jack D. R.; Grace, Michael G.; Russell, Donald B.; Zacks, David J., 124: 741, 1977
- computerized tomography and encephalography (ab), Ruggiero, G.; Sabbatini, L.; Nuzzo, G., 124: 852, 1977
- Brain, radionuclide studies**
- See also Brain neoplasms; Cisternography; other subheads under Brain
- brain scanning in unilateral and bilateral occlusion of posterior cerebral arteries, Einsiedel-Lechte, Helga; Lechte-Gruter, Reinhard, 123: 393, 1977
- cerebral echinococcal cyst demonstrated on radionuclide angiogram: case report, Schrupf, John; Hoffer, Paul B., 125: 170, 1977
- cerebrovascular disease in childhood, Savage, J. P.; Gilday, David L.; Ash, Judith M., 123: 385, 1977
- clinical efficacy and cost analysis of cranial computed tomography and the radionuclide brain scan, Evens, Ronald G.; Jost, R. Gilbert, 122: 142, 1977
- clinical radioisotope investigations in hydrosyringomyelia and myelodysplasia (ab), Hall, Peter V.; Kalsbeck, John E.; Wellman, Henry N.; Batnitzky, Solomon; Campbell, Robert L.; Lewis, Sidney, 123: 260, 1977
- comparative evaluation of  $^{99m}\text{Tc}$  GH,  $^{99m}\text{TcO}_4$ , and  $^{99m}\text{Tc}$  DTPA as brain imaging agents, Rollo, F. David; Cavalieri, Ralph R.; Born, Mark; Blei, Lynn; Chew, Mailine, 123: 379, 1977
- comparison of radionuclide scans with computer-assisted tomography in diagnosis of intracranial disease (ab), Clifford, John R.; Connolly, Edward S.; Voorhies, Rand M., 125: 564, 1977
- complementary role of computerized axial transmission tomography and radionuclide imaging of the brain (SNM), Fordham, Ernest W., 7: 137, 1977
- computed tomographic evaluation of increased intracranial pressure without localizing signs, Weisberg, Leon; Nice, Charles N., 122: 133, 1977
- computed tomography and brain scintigraphy in ischemic stroke (AJR), Chiu, Lee C.; Fodor, Laszlo B.; Cornell, Steven H.; Christie, James H., 127: 481, 1976
- computed tomography and radionuclide studies in diagnosis of intracranial disease (ab), Christie, James H.; Mori, Hirofumi; Go, Raymundo T.; Cornell, Steven H.; Schapiro, Rolf L., 123: 830, 1977
- computed tomography of intracerebral hematomas. II. radionuclide and transmission CT studies of the perihematomal region (AJR), Dolinskas, Carol A.; Bilaniuk, Larissa T.; Zimmerman, Robert A.; Kuhl, David E.; Alavi, Abbas, 129: 689, 1977
- computerized cranial tomography and radionuclide imaging in the detection of intracranial mass lesions (SNM), Alderson, Philip O.; Gado, Mokhtar H.; Siegel, Barry A., 7: 161, 1977
- "doughnut" sign in brain scanning (ab), Tarcan, Yavuz A.; Pajman, William; Marc, Joseph; Berg, David, 122: 572, 1977
- dynamic cerebral imaging (ab), Rockett, J. F.; Moinuddin, M., 124: 287, 1977
- focal encephalitis presenting as a dumbbell-shaped lesion crossing midline (ab), Wakler, Jr., P. Toed; Gutowicz, Jr., Matthew F., 124: 864, 1977
- importance of perfusion imaging in brain scintigraphy for subdural hematoma, dos Remedios, Leo V.; Weber, Paul M., 123: 698, 1977
- influence of atherosclerosis and ectasia on cerebral blood flow (ab), Rytman, A., 124: 270, 1977
- neurologic diagnosis using the 80-lens optical camera (ab), Barnes, Barbara D.; Parker, Howard; Anger, Hal O., 125: 861, 1977
- optimal utilization of computerized cranial tomography and radionuclide brain imaging (ab), Alderson, Philip O.; Mikhael, Michael; Coleman, R. Edward; Gado, Mokhtar H., 123: 249, 1977
- rim and "doughnut" signs, and variants: review and reappraisal (ab), Sy, Wilfrido M.; Khatib, Reza; Bay, Robert, 124: 287, 1977
- routine renal imaging after  $^{99m}\text{Tc}$ -glucoheptonate brain scans (ab), Kahn, Paul C.; Dewanjee, Mrinal K.; Brown, Susan S., 125: 575, 1977
- scintigraphic findings in hyperostosis frontalis interna, Hahn, Francis J. Y.; Stine, Earl J.; Schapiro, Rolf L.; Christie, James H., 122: 409, 1977
- superficial cortical atrophy simulating bilateral subdural hematomas (ab), Teates, Charles D.; Allen, Donald M., 124: 287, 1977
- visualization of the cerebral ventricular system in an adult with Tc-DTPA (ab), Logic, J.; Dubovsky, E. V.; Harsh, G. R., 122: 864, 1977
- Brain, size**
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- Brain stem**
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- Brain stem, neoplasms**
- role of the radionuclide brain image in the diagnosis of brainstem gliomas, Donahoe, C. Ronald; Robinson, Ralph G.; Kishore, Pulla R. S.; Kepes, John J., 125: 735, 1977
- Brain, wounds and injuries**
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- Breast, abnormalities**
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- Breast, biopsy**
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- Breast, calcification**
- calcifications and the therapeutically irradiated breast (AJR), Libshitz, Herman I.; Montague, Eleanor D.; Paulus, David D., 128: 1021, 1977
- diffuse calcification of the breast in chronic renal failure (AJR), Han, Sang Y.; Witten, David M., 129: 341, 1977
- ultrastructure and microanalysis of "benign" and "malignant" breast calcifications, Galkin, Benjamin M.; Feig, Stephen A.; Patchefsky, Arthur S.; Rue, James W.; Gamblin, Jr., Wilbur J.; Gomez, Daniel G.; Marchant, Lolly M., 124: 245, 1977
- Breast, cysts**
- detection and classification of liquid-filled masses in the breast by gray scale echography, Jellins, Jack; Kossoff, George; Reeve, T. S., 125: 205, 1977
- Breast, male**
- radiography of gynecomastia and other disorders of the male breast, Michels, Lee G.; Gold, Richard H.; Arndt, Rolf D., 122: 117, 1977
- Breast, necrosis**
- bilateral fat necrosis of the breast following reduction mammoplasties (AJR), Baber, Collins E.; Libshitz, Herman I., 128: 508, 1977
- Breast neoplasms**
- are breast patterns a risk index for breast cancer? reappraisal (AJR), Mendell, Lawrence; Rosenbloom, Marvin; Naimark, Allan, 128: 547, 1977
- breast cancer controversy: natural experiment (ab), Black, Maurice M.; Leis, Jr., Henry P.; Kwon, C. Stephen, 125: 276, 1977
- breast cancer induced by radiation: relation to mammography and treatment of acne (ab), Simon, Norman, 124: 866, 1977
- management of early breast cancer (New York City), 122: 800, 1977
- pulmonary contraction following  $^{60}\text{Co}$  irradiation of mammary carcinoma (ab), Oppedal, T.; Kolbenstedt, A., 124: 866, 1977
- Breast neoplasms, biopsy**
- inflammatory carcinoma of the breast: correlation of clinical, radiologic and pathologic findings (ab), Droulias, C. A.; Sewell, C. W.; McSweeney, M. B.; Powell, R. W., 123: 534, 1977
- Breast neoplasms, diagnosis**
- analysis of clinically occult and

- mammographically occult breast tumors (AJR), Feig, Stephen A.; Shaber, Gary S.; Schwartz, Gordon F.; Edeiken, Jack; Libshitz, Herman I.; Nerlinger, Rudolph; Curley, Robert F.; Wallace, John D.; Patchefsky, Arthur S., 128: 403, 1977
- bilateral breast carcinomas: role of mammography (ab), Egan, Robert L., 123: 535, 1977
- breast patterns as an index of risk for developing breast cancer (ab), Wolfe, John N., 123: 534, 1977
- cancer in the "cold" breast thermogram (AJR), Isard, Harold J., 127: 793, 1976
- combined mammographic-sonographic evaluation of breast masses (AJR), Teixidor, Hind S.; Kazam, Elias, 128: 409, 1977
- comparative evaluation of a case of cystosarcoma phylloides: ultrasound, xeroradiography and thermography, Jellins, Jack; Hughes, Clifford; Ryan, James; Reeve, T. S.; Kossoff, George, 124: 803, 1977
- computed tomography of the breast: preliminary report, Chang, C. H. Joseph; Sibala, Justo L.; Gallagher, Joe H.; Riley, Richard C.; Templeton, Arch W.; Beasley, Patricia V.; Porte, Richard A., 124: 827, 1977
- detection of breast cancer in young women (ab), Lesnick, Gerson J., 125: 277, 1977
- diagnosis of breast cancer in mammograms by the evaluation of density patterns, Smith, Kennan T.; Wagner, Sheldon L.; Guenther, Ronald B., 125: 383, 1977
- evaluation of benefits and risks of breast cancer screening (opin), Gur, David; Sashin, Donald, 124: 261, 1977
- international symposium on detection of breast cancer (Hellerup, Denmark), 123: 72, 1977
- magnification film mammography: image quality and clinical studies, Sickles, Edward A.; Doi, Kunio; Genant, Harry K., 125: 69, 1977
- mammographic parenchymal patterns and the prevalence of breast cancer, Peyster, Robert G.; Kalisher, Lester; Cole, Phillip, 125: 387, 1977
- present status of thermography, ultrasound and mammography in breast cancer detection (ab), Dodd, Gerald D., 125: 565, 1977
- radiography of gynecomastia and other disorders of the male breast, Michels, Lee G.; Gold, Richard H.; Arndt, Rolf D., 122: 117, 1977
- risk for breast cancer development determined by mammographic parenchymal pattern (ab), Wolfe, John N., 123: 251, 1977
- risk versus benefit in mammography, Lester, Richard G., 124: 1, 1977
- single view negative mode xeromammography: approach to reduce radiation exposure in breast cancer screening, Buchanan, Jerry B.; Jager, Rama M., 123: 63, 1977
- thermography, mammography, and clinical examination in breast cancer screening: review of 16,000 studies, Feig, Stephen A.; Shaber, Gary S.; Schwartz, Gordon F.; Libshitz, Herman I.; Edeiken, Jack; Nerlinger, Rudolph; Curley, Robert F.; Wallace, John D.; Patchefsky, Arthur S., 122: 123, 1977
- ultrasound mammography, Baum, Gilbert, 122: 199, 1977
- Breast neoplasms, metastases**
- incidence of bone metastases in women with minimal and occult breast carcinoma, Schaffer, Derae L.; Kalisher, Lester, 124: 675, 1977
- odontoid fractures in metastatic breast carcinoma (AJR), Lally, James F.; Cossrow, Joel I.; Dalinka, Murray K., 128: 817, 1977
- pattern of spread and survival in 596 cases of breast cancer related to clinical staging and histologic grade (ab), Bunting, J. S.; Hemsted, E. H.; Kremer, J. K., 122: 275, 1977
- radioactive technetium phosphate bone scanning in preoperative assessment and follow-up study of patients with primary cancer of the breast (ab), Citrin, D. L.; Furnival, C. M.; Bessent, R. G.; Greig, W. R.; Bell, G.; Blumgart, L. H., 124: 579, 1977
- scintigraphic criteria for hepatic metastases from cancer of the colon and breast (ab), Drum, David E.; Beard, Judith M., 124: 865, 1977
- serial bone scanning using technetium 99m diphosphonate in patients undergoing cyclical combination chemotherapy for advanced breast cancer (ab), Alexander, J. L.; Gillespie, P. J.; Edelstyn, G. A., 122: 288, 1977
- Breast neoplasms, secondary**
- metastatic disease to the breast: clinical, pathologic, and radiographic features (AJR), Toombs, Barry D.; Kalisher, Lester, 129: 673, 1977
- Breast neoplasms, staging**
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- Breast neoplasms, therapeutic radiology**
- calcifications and the therapeutically irradiated breast (AJR), Libshitz, Herman I.; Montague, Eleanor D.; Paulus, David D., 128: 1021, 1977
- cancer of the breast: role of radiation therapy after mastectomy (ab), Brady, Luther W.; Fletcher, Gilbert H.; Levitt, Seymour H., 125: 574, 1977
- computer-aided medical decision making in radiotherapy, Conklin, Jeffrey; Munzenrider, John; Neurath, Peter W.; Ross, Winifred M., 123: 441, 1977
- current status of clinical pion radiotherapy, Kligerman, Morton M.; Black, William C.; Yuhua, John M.; Doberneck, Raymond C.; Bradbury, James N.; Kelsey, Charles A., 125: 489, 1977
- locally recurrent carcinoma of the breast: results of radiation therapy (ab), Chu, Florence C. H.; Lin, Fang-Jen; Kim, Jae Ho; Hugh, Sun H.; Garmatis, Constantine J., 123: 260, 1977
- natural history and survival of inoperable breast cancer treated with radiotherapy and radiotherapy followed by radical mastectomy (ab), Zucali, R.; Uslenghi, C.; Kenda, R.; Bonadonna, G., 122: 863, 1977
- new trends in the treatment of breast cancer at the Cancer Institute of Milan (AJR), Veronesi, Umberto, 128: 287, 1977
- physiological and radiographic assessment during the development of pulmonary radiation fibrosis, Prato, Frank S.; Kurdyak, Ruth; Saibil, Eric A.; Rider, Walter D.; Aspin, Norman, 122: 389, 1977
- prognostic factors in mammary carcinoma (ab), Wallgren, A.; Silfversward, C.; Eklund, G., 122: 572, 1977
- radiation therapy in the management of primary breast cancer (AJR), Pierquin, Bernard; Baillet, Francois; Wilson, J. Frank, 127: 645, 1976
- subtotal mastectomy and radiation therapy in the definitive management of localized breast malignancy (AJR), Wallner, Paul E.; Brady, Jr., Luther W.; Loughhead, John; Matsumoto, Teruo; Antoniadis, John; Prasavinichal, Sriprayoon; Glassburn, John R.; Asbell, Sucha O.; Damsker, Jeffrey L., 127: 505, 1976
- tissue heterogeneity in anterior chest wall and its influence on radiation therapy of internal mammary lymph nodes (ab), Lindsoug, B.; Hultborn, A., 123: 544, 1977
- treatment of carcinoma of the breast by radiation therapy (ab), Levene, Martin B.; Harris, Jay R.; Hellman, Samuel, 125: 0574, 1977
- upper extremity lymphangiography in the radiation therapy of lymphomas and carcinoma of the breast, Weisenburger, Thomas H.; Juillard, Guy J. F., 122: 227, 1977
- use of auxiliary collimating devices in the treatment for breast cancer with  $^{60}\text{Co}$  teletherapy units. I. dosimetric considerations (AJR), Grant, III, Walter; Cundiff, Jackson H.; Hanson, William F., 127: 649, 1976
- use of auxiliary collimating devices in the treatment for breast cancer with  $^{60}\text{Co}$  teletherapy units. II. dose to the skin (AJR), Hanson, William F.; Grant, III, Walter, 127: 653, 1976
- Breast neoplasms, therapy**
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- radiosensitization of normal tissue by chloroquine, Utley, Joella F.; Sachatello, Charles R.; Maruyama, Yosh; Avila, Jose; King, Ronald, 124: 255, 1977
- subtotal mastectomy and radiation therapy in the definitive management of localized breast malignancy (AJR), Wallner, Paul E.; Brady, Jr., Luther W.; Loughhead, John; Matsumoto, Teruo; Antoniadis, John; Prasavinichal, Sriprayoon; Glassburn, John R.; Asbell, Sucha O.; Damsker, Jeffrey L., 127: 505, 1976
- Breast neoplasms, ultrasound diagnosis**
- combined mammographic-sonographic evaluation of breast masses (AJR), Teixidor, Hind S.; Kazam, Elias, 128: 409, 1977
- comparative evaluation of a case of cystosarcoma phylloides: ultrasound, xeroradiography and thermography, Jellins, Jack; Hughes, Clifford; Ryan, James; Reeve, T. S.; Kossoff, George, 124: 803, 1977
- gray-scale echography for breast cancer, Kobayashi, Toshiji, 122: 207, 1977
- ultrasongraphic evaluation of breast masses (ab), Laing, Faye C., 124: 576, 1977
- Breast, radionuclide studies**
- scintigraphic patterns of gallium-67 uptake in the breast, Kim, Young C.; Brown, Manuel L.; Thrall, James H., 124: 169, 1977
- Breast, ultrasound**
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- British Institute of Radiology**
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- Bronchi**
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- Bronchi, abnormalities**
- "bridging bronchus": previously undescribed airway anomaly (ab), Gonzalez-Crussi, Frank; Padilla, Lily-Mae; Miller, Jon K.; Grosfeld, Jay L., 123: 251, 1977
- Bronchi, neoplasms**
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- evaluation of gallium-67 in the diagnosis of bronchial carcinoma (ab), Savage, P. E. A.; Carmody, R. G.; Highman, J. H., 123: 547, 1977
- many faces of bronchiolo-alveolar carcinoma (SR), Berkmen, Yahya M., 12: 207, 1977
- other malignant tumors of the lung (SR), Greene, Reginald; McLoud, Theresa C.; Stark, Paul, 12: 225, 1977
- Bronchi, obstruction**
- radioscintigraphy in the diagnosis of upper airway obstruction, Itoh, Harumi; Ishii, Yasushi; Suzuki, Teruyasu; Yenekura, Yoshiharu; Morita, Rikushi; Torizuka, Kanji, 123: 135, 1977
- Bronchi, radionuclide studies**
- radioscintigraphy in the diagnosis of upper airway obstruction, Itoh, Harumi; Ishii, Yasushi; Suzuki, Teruyasu; Yenekura, Yoshiharu; Morita, Rikushi; Torizuka, Kanji, 123: 135, 1977
- Bronchi, stenosis**
- Fibrous mediastinitis: late manifestation of mediastinal histoplasmosis, Wieder, Sheldon; Rabinowitz, Jack G., 125: 305, 1977
- Bronchitis**
- esophageal reflux: unrecognized cause of recurrent obstructive bronchitis in children (ab), Danus, Osvaldo; Casar, Carlos; Larrain, Augusto; Pope, II, Charles E., 123: 251, 1977
- evaluation of cardiac size and chronic bronchitis and pulmonary emphysema (ab), Murphy, Marvin L.; Boger, James; Adamson, Jr., James S.; Rubin, Sanford, 125: 566, 1977
- Bronchography**
- flexible fiberoptic bronchoscopy and endobronchial tamponade in the management of massive hemoptysis (ab), Saw, Eng C.; Gottlieb, Leon S.; Yokoyama, Taro; Lee, Benny C., 123: 251, 1977
- Bronchoscopy**
- disseminated cryptococcosis: diagnosis by fiberoptic bronchoscopy and biopsy (ab), Sakowitz, Arthur J.; Sakowitz, Barry H., 124: 274, 1977
- Brucellosis**
- unique type of calcification in chronic brucellosis (AJR), Arcomano, Joseph P.; Pizzolato, Nicholas F.; Singer, Richard; Zucker, Stanley M., 128: 135, 1977
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**Busulfan**

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**Calcaneus, neoplasms**

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**Calcitonin**

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**Carbon monoxide**

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normal ocular circulation and effect of arterial occlusive disorders, Li, Florence C.; Tenner, Michael S.; Rothman, Lewis; Quencer, Robert M., 123: 369, 1977

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**Catheters and catheterization**

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hepatic occlusion venography with a balloon catheter in portal hypertension, Novak, Dragutin; Buetzow, Gerd Henning; Becker, Klaus, 122: 623, 1977

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on "reuse of 'disposable' catheters and guidewires" by Rabin and Koehler (opin), Dotter, Charles T., 122: 843, 1977

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six French catheter in arch aortography, Eisenberg, Ronald L.; Mani, Richard L., 125: 822, 1977

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use of a 5 French catheter with multiple side holes in abdominal aortography, Mani, Richard L.; Helms, Clyde A.; Eisenberg, Ronald L., 123: 233, 1977

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neonatal staphylococcal enterocolitis: association with indwelling feeding catheters and s. aureus colonization (ab), Gutman, Laura T.; Idriss, Ziad H.; Gehlbach, Stephen; Blackmon, Lillian, 123: 825, 1977

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passage of feeding catheters into the pleural space: radiographic sign of trauma to the pharynx and esophagus in the newborn (AJR), Kassner, E. George; Baumstark, Anthony; Balsam, Dvorah; Haller, Jack O., 128: 19, 1977

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**Cerebellum, neoplasms**

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**Cerebral angiography**

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- Cerebral blood vessels, anatomy**  
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blood vessels of the brain in 3-D and a synopsis of cerebrovascular anatomy and clinical syndromes (bk rev), Kaplan, Harry A., Reviewed by Kieffer, Stephen A., 124: 402, 1977  
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- Cerebral blood vessels, angiography**  
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- Cerebral blood vessels, radionuclide studies**  
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nuclide imaging and computed tomography in cerebral vascular disease (SNM), Chiu, Lee C.; Christie, James H.; Schapiro, Rolf L., 7: 175, 1977
- Cerebral blood vessels, stenosis**  
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- Cerebrospinal fluid**  
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cerebral blood volume alterations during fractional pneumoencephalography (ab), Voigt, Karsten; Greitz, Torgny, 123: 249, 1977  
metrizamide—CSF contrast medium: analysis of clinical application in 215 patients, Sackett, Joseph F.; Strother, Charles M.; Quagliari, Charles E.; Javid, Manucher J.; Levin, Allan B.; Duff, Thomas A., 123: 0779, 1977  
quantitative aspects of computed tomography of blood and cerebrospinal fluid, Norman, David; Price, David; Boyd, Douglas; Fishman, Robert; Newton, Thomas H., 123: 335, 1977
- Cerebrospinal fluid, flow dynamics**  
age-dependent differences of distribution and clearance patterns in normal RIHSA cisternograms (ab), Henriksson, L.; Voigt, K., 124: 565, 1977  
central canal of the spinal cord in experimental hydrocephalus: preliminary results, James, Jr., A. Everett; Novak, Gary N.; Strecker, Ernst-Peter; Flor, William J., 125: 417, 1977  
cerebrospinal fluid imaging using serial metrizamide CT cisternography (ab), Drayer, Burton P.; Rosenbaum, Arthur E.; Higman, H. B., 124: 858, 1977
- Cerebrospinal fluid, leakage**  
acquired spontaneous, nontraumatic normal-pressure cerebrospinal fluid fistulas originating from the middle fossa, Kaufman, Benjamin; Nulsen, Frank E.; Weiss, Martin H.; Brodkey, Jerald S.; White, Robert J.; Sykora, Glenn F., 122: 379, 1977  
cerebrospinal fluid rhinorrhea demonstrated by metrizamide CT cisternography (AJR), Drayer, Burton P.; Wilkins, Robert H.; Boehnke, Manfred; Horton, Joseph A.; Rosenbaum, Arthur E., 129: 149, 1977  
cerebrospinal fluid rhinorrhea via the fossa of Rosenmuller (ab), Jaffe, Burton; Welch, Keasley; Strand, Roy; Treves, Salvador, 125: 856, 1977  
postoperative myelogram: radiographic evaluation of arachnoiditis and dural/arachnoid tears, Quencer, Robert M.; Tenner, Michael S.; Rothman, Lewis, 123: 667, 1977
- Cerebrospinal fluid, pressure**  
evaluation of cerebrospinal fluid production in the development of communicating hydrocephalus, James, Jr., A. Everett; Epstein, Melvin; Novak, Gary; Burns, Barry, 122: 143, 1977
- Cerebrum**  
See Brain, atrophy
- Cervix**  
See Uterine neoplasms; Uterus
- Cesium, radioactive**  
use of radioactive cesium chloride for imaging of malignant and benign pulmonary lesions (ab), Nishiyama, Hiroshi; Lewis, Jeannine T.; Sodd, Vincent J.; Saenger, Eugene L., 124: 579, 1977
- Chemotherapy**  
prospective analysis of bone changes in treated childhood leukemia, Rosenfield, Nancy S.; McIntosh, Sue, 123: 413, 1977  
pulmonary, pleural, and thoracic changes complicating chemotherapy, Tucker, Arthur S.; Newman, Arthur J.; Alvarado, Carlos, 125: 805, 1977  
role of radiation therapy in the treatment of germinal cell tumors of the testis other than pure seminoma, Hussey, David H.; Luk, Kenneth H.; Johnson, Douglas E., 123: 175, 1977
- Chiari-Budd syndrome**  
See Thrombosis, caval; Thrombosis, hepatic vein
- Chiba needle**  
See Cholangiography
- Children**  
See Infants; Infants, newborn; Pediatric radiology; under names of diseases, organs, regions, and procedures
- Children, cardiovascular system**  
echocardiographic detection of large left to right shunts and cardiomyopathies in infants and children (ab), Sahn, David J.; Vaucher, Yvonne; Williams, David E.; Allen, Hugh D.; Goldberg, Stanley J.; Friedman, William F., 122: 569, 1977
- Children, digestive system**  
accuracy of radiological and computer diagnoses in small bowel examinations in children (ab), Jeans, W. D.; Morris, Audrey F., 123: 540, 1977  
fiberoptic endoscopy and upper gastrointestinal series: comparative analysis in infants and children (AJR), Gyepe, Michael T.; Smith, Lorraine E.; Ament, Marvin E., 128: 53, 1977
- Children, musculoskeletal system**  
Dyggve-Melchior-Clausen syndrome (AJR), Schorr, S.; Legum, C.; Ochshorn, M.; Hirsch, M.; Moses, S.; Lasch, E. E.; El-Masri, M., 128: 107, 1977  
radiological changes in juvenile chronic polyarthritis (ab), Ansell, Barbara M.; Kent, Patricia A., 125: 282, 1977
- Children, neoplasms**  
See Neoplasms, in infants and children
- Children, radiography**  
telling children about diagnostic radiology procedures, Hass, Elizabeth A.; Solomon, Donald J., 124: 521, 1977
- Chloroquine**  
radiosensitization of normal tissue by chloroquine, Utley, Joella F.; Sachatello, Charles R.; Maruyama, Yosh; Avila, Jose; King, Ronald, 124: 255, 1977
- Cholangiography**  
See also Bile ducts; Cholecystography  
bile ducts (RCNA), Menuck, Leslie; Åmberg, John, 14: 499, 1976  
measurement of biliary tract size and drainage time: comparison of endoscopic and intravenous cholangiography, Belsito, Alphonso A.; Marta, John B.; Cramer, Glen G.; Dickinson, Paul B., 122: 65, 1977
- Cholangiography, apparatus and equipment**  
percutaneous transhepatic cholangiography using the "Chiba" needle—80 cases (ab), Jain, S.; Long, R. G.; Scott, J.; Dick, R.; Sherlock, Sheila, 125: 569, 1977  
percutaneous transhepatic cholangiography with the "skinny" needle: rapid, simple, and accurate method in the diagnosis of cholestasis (ab), Pereira, Jr., Raul; Chiprut, Roberto O.; Greenwald, Richard A.; Schiff, Eugene R., 125: 569, 1977  
randomized trial of percutaneous transhepatic

- cholangiography with the chiba needle versus endoscopic retrograde cholangiography for bile duct visualization in jaundice (ab), Elias, E.; Hamlyn, A. N.; Jain, S.; Long, R. G.; Summerfield, J. A.; Dick, R.; Sherlock, Sheila, 122: 563, 1977
- refinements in Chiba needle transhepatic cholangiography (AJR), Ferrucci, Jr., Joseph T.; Wittenberg, Jack, 129: 11, 1977
- Cholangiography, complications**
- death following complications of roentgenologic nonoperative manipulation of common bile duct calculi, Polack, Edward P.; Fainsinger, Maurice H.; Bonnano, Salvatore V., 123: 585, 1977
- fulminant cholangitis and septicemia after endoscopic retrograde cholangiography (ERC) in two patients with obstructive jaundice (ab), Thurnher, Nikolaus; Bruhlmann, Werner F.; Krejs, Gunter L.; Bianchi, Leonardo; Faust, Hans; Blum, Andre L., 122: 564, 1977
- hemobilia following percutaneous transhepatic cholangiography (ab), Cahow, C. Elton; Burrell, Morton; Greco, Ralph, 125: 569, 1977
- Cholangiography, contrast media**
- double-blind comparison of iodipamide and iodoxamate using direct and drip infusion intravenous cholangiography (AJR), Moss, Albert A., 128: 931, 1977
- double-blind comparison of meglumine iodoxamate (Cholovue) and meglumine iodipamide (Cholangraf) (ab), Robbins, Alan H.; Sargent, E. Nicholas; Vincent, Miriam E.; Boswell, William; Meyers, Harvey L., 123: 538, 1977
- influence of cholangin and renografin 76 on platelet function, Shapiro, Gabriel A.; Loeb, Peter M.; Berk, Robert N.; Manton, Janet; Ellzey, Barbara; Reynolds, David, 124: 641, 1977
- iotroxamide—new intravenous cholangiographic agent: comparison with iodipamide and the effect of bile salts, Loeb, Peter M.; Barnhart, James L.; Berk, Robert N., 125: 323, 1977
- Cholangiography, technique**
- comparison of operative cholangiographic techniques (ab), Evans, G. A.; Jenkins, D. H. R., 123: 537, 1977
- death following complications of roentgenologic nonoperative manipulation of common bile duct calculi, Polack, Edward P.; Fainsinger, Maurice H.; Bonnano, Salvatore V., 123: 585, 1977
- fine needle transhepatic cholangiography: new approach to obstructive jaundice (AJR), Ferrucci, Jr., Joseph T.; Wittenberg, Jack; Sarno, Robert A.; Dreyfuss, Jack R., 127: 403, 1976
- gas contrast studies of biliary tract following reconstructive surgery (ab), Williams, J. Edmund; Wilding, R. P.; Kay, D. N., 123: 538, 1977
- percutaneous transhepatic cholangiography using the "Chiba" needle—80 cases (ab), Jain, S.; Long, R. G.; Scott, J.; Dick, R.; Sherlock, Sheila, 125: 569, 1977
- percutaneous transhepatic cholangiography with the "skinny" needle: rapid, simple, and accurate method in the diagnosis of cholestasis (ab), Pereira, Jr., Raul; Chiprut, Roberto O.; Greenwald, Richard A.; Schiff, Eugene R., 125: 569, 1977
- percutaneous transhepatic cholangiography with selective catheterization of the common bile duct (AJR), Burcharth, Flemming; Nielbo, Niels, 127: 409, 1976
- pharmaco-cholangiography with anticholinergic drugs in dog (ab), Burgener, Francis A.; Fischer, H. W.; Adams, J. T.; Schabel, Stephen I.; Plume, S. K., 123: 826, 1977
- randomized trial of percutaneous transhepatic cholangiography with the chiba needle versus endoscopic retrograde cholangiography for bile duct visualization in jaundice (ab), Elias, E.; Hamlyn, A. N.; Jain, S.; Long, R. G.; Summerfield, J. A.; Dick, R.; Sherlock, Sheila, 122: 563, 1977
- single bolus versus drip infusion for intravenous cholangiography (ab), Eshchar, J.; Shykyar, S.; Pajewski, M., 123: 538, 1977
- transhepatic percutaneous cholangiography (RCNA), Buonocore, Edward, 14: 527, 1976
- Cholangiopancreatography**
- biliary system in primary biliary cirrhosis: a study by endoscopic retrograde cholangiopancreatography (ab), Summerfield, J. A.; Elias, E.; Hungerford, G. D.; Nikapota, V. L. B.; Dick, R.; Sherlock, Sheila, 122: 280, 1977
- cholangiopancreatography and pancreatic cytology in carcinoma of the pancreas (AJR), Wilkins, R. A.; Hatfield, A., 128: 747, 1977
- endoscopic retrograde cholangiopancreatography in the evaluation of pancreatic diseases (ab), Novis, B. H.; Narunsky, L.; Bank, S., 124: 276, 1977
- evaluation of sclerosing cholangitis by endoscopic retrograde cholangiopancreatography (ab), Ruskin, Robert B.; Katon, Ronald M.; Bilbao, Marcia K.; Smith, Frederic, 122: 564, 1977
- indications, clinical value and complications of endoscopic retrograde cholangiopancreatography (ab), Kessler, Richard E.; Falkenstein, David B.; Clemett, Arthur R.; Zimmon, David S., 122: 855, 1977
- influence of endoscopic manipulation and patient position on cholangiographic interpretation in endoscopic retrograde cholangiopancreatography, Falkenstein, David B.; Hsu, Kar Ding; Abrams, Raymond M.; Zimmon, David S., 122: 836, 1977
- measurement of biliary tract size and drainage time: comparison of endoscopic and intravenous cholangiography, Belsito, Alphonso A.; Marta, John B.; Cramer, Glen G.; Dickinson, Paul B., 122: 65, 1977
- percutaneous fine needle aspiration biopsy of the pancreas following endoscopic retrograde cholangiopancreatography, Ho, Chia-Sing; McLoughlin, Michael J.; McHattie, James D.; Tao, Liang-Che, 125: 351, 1977
- radiology of the pancreas, 1976: sonography and ductography (RCNA), Ferrucci, Jr., Joseph T., 14: 543, 1976
- Cholangiopancreatography, apparatus and equipment**
- diagnostic accuracy of endoscopic retrograde cholangiopancreatography in hepatic, biliary, and pancreatic malignancy (ab), Silvis, Steven E.; Rohrmann, C. A.; Vennes, Jack A., 122: 564, 1977
- Cholangiopancreatography, complications**
- complications of endoscopic retrograde cholangiopancreatography (ERCP): study of 10,000 cases (ab), Bilbao, Marcia K.; Dotter, Charles T.; Lee, T. G.; Katon, Ronald M., 122: 279, 1977
- Cholangiopancreatography, indications**
- endoscopic retrograde intrahepatic cholangiogram: radiographic findings in intrahepatic disease (AJR), Rohrmann, Jr., Charles A.; Ansel, Howard J.; Ayoola, E. A.; Silvis, Stephen E.; Vennes, Jack A., 128: 45, 1977
- Cholecystitis**
- See Gallbladder, diseases
- Cholecystography**
- See also Cholangiography; Gallbladder
- cholecystographic diagnosis of duodenal ulcer: incomplete ring sign, Sickles, Edward A., 124: 27, 1977
- gray scale cholecystosonography: evaluation of accuracy (AJR), Arnon, Stefan; Rosenquist, C. J., 127: 817, 1976
- Cholecystography, contrast media**
- evaluation of the biliary tree by drip infusion using a new contrast agent (ab), del Campo, Alberto Gomez; Castaneda-Zuniga, Carlos; Davila, Oscar Valdes, 123: 254, 1977
- use of sodium tyropanoate in oral cholecystography (ab), Falomir, Jose Manuel; de la Pena, Alejandro Cedillo, 123: 253, 1977
- Cholelithiasis**
- See Gallbladder, calculi
- Cholesterol**
- cholesterol granuloma involving the temporal bone (ab), Nager, George T.; Vanderveen, Theodore S., 122: 273, 1977
- Cholyglycine breath test**
- effect of pelvic irradiation on ileal function, Stryker, John A.; Hepner, Gershon W.; Mortel, Rodrigue, 124: 213, 1977
- Chondrocalcinosis**
- clinical, radiographic and pathologic abnormalities in calcium pyrophosphate dihydrate deposition disease (CPPD): pseudogout, Resnick, Donald; Niwayama, Gen; Goergen, Thomas G.; Utsinger, Peter D.; Shapiro, Robert F.; Haselwood, Douglas H.; Wiesner, Kenneth B., 122: 1, 1977
- Chondroma**
- intracranial chondromas (AJR), Sarwar, Mohammad; Swischuk, Leonard E.; Schechter, Mammie M., 127: 973, 1976
- Chondrosarcoma**
- See Sarcoma
- cranial chondrosarcomas: report of four cases and review of the literature, Bahr, Albert L.; Gayler, Bob W., 124: 151, 1977
- highly malignant chondrosarcoma of unknown origin, with tumor emboli of the inferior vena cava and main pulmonary artery (ab), Jacobs, Philip, 124: 573, 1977
- low-grade chondrosarcoma of femur (ab), Wilkinson, Robert H.; Kirkpatrick, John A., 124: 573, 1977
- Chordae tendineae, mitral**
- systolic mitral flutter, an echocardiographic clue to the diagnosis of ruptured chordae tendineae (ab), Meyer, Jerry F.; Frank, M. Jeffrey; Goldberg, Samuel; Cheng, Tsung O., 123: 832, 1977
- Chordoma**
- chordoma: radiologic evaluation of 20 cases (AJR), Firooznia, Hossein; Pinto, Richard S.; Lin, Joseph P.; Baruch, Hans H.; Zausner, Joseph, 127: 797, 1976
- radiologic aspects of cervical chordomas (ab), Hagenlocher, H. U.; Ciba, K., 122: 857, 1977
- Choriocarcinoma**
- metastatic tumor presenting as intracerebral hemorrhage: report of 6 cases examined by computed tomography, Gildersleeve, Jr., Nathaniel; Koo, Andrew H.; McDonald, Cyril J., 124: 109, 1977
- renal choriocarcinoma metastasis: vascular lesion (AJR), Kutcher, Rosalyn; Lu, Theresa; Gordon, David H.; Becker, Joshua A., 128: 1046, 1977
- Choristoma**
- parasellar choristoma (AJR), Sholkoff, Stephen D.; Kerber, Charles W.; Cramm, Richard E.; Silverman, Lloyd, 128: 1051, 1977
- Choroid plexus, neoplasms**
- hemorrhage in bilateral choroid plexus hemangiomas demonstrated by computed tomography: case report (ab), Towfighi, Javad; Bilaniuk, Larissa T.; Zimmerman, Robert A.; Langfitt, Thomas A.; Gonatas, Nicholas K., 123: 248, 1977
- Christian-Hand-Schuller disease**
- See Histiocytosis
- Chromosomes**
- See also Bones, chromosomal aberrations
- effect of radiation and contrast media on chromosomes: preliminary report, Adams, Forrest H.; Norman, Amos; Mello, Renato S.; Bass, Doris, 124: 823, 1977
- pattern of shortening of the bones of the hand in PHP and PPHP—comparison with brachydactyly E, Turner syndrome, and acrodyostosis, Poznanski, Andrew K.; Werder, Edmond A.; Giedion, Andres; Martin, Allan J.; Shaw, Helen, 123: 707, 1977
- stippled epiphyses in chromosomal abnormalities (ab), Le Marec, B.; Saget, F.; Duclault, A.-M.; Goll, U.; Toudic, L.; Nivelon-Chevalier, A.; Le Freche, J. N.; Senecal, J., 124: 571, 1977
- Chromosomes, abnormalities**
- neonatal diaphragmatic dysfunction (AJR), Wexler, Howard A.; Poole, Catherine A., 127: 617, 1976
- Chronic obstructive pulmonary disease (COPD)**
- See Lungs, chronic obstructive lung disease
- Chymopapain**
- chymopapain in the treatment of ruptured lumbar discs: preliminary experience in 48 patients (ab), Maroon, J. C.; Holst, R. A.; Osgood, C. P., 122: 281, 1977
- Chynn needle**
- See Myelography, apparatus and equipment
- Cisternography**
- See also Cisterns, subarachnoid
- Cisternography, contrast media**
- metrizamide cisternography with hypocyloidal tomography: preliminary results (AJR), Roberson, Glenn H.; Brismar, Jan; Davis, Kenneth R.; Taveras, Juan M.; Weiss, Alfred, 127: 965, 1976
- metrizamide computed tomography cisternography: pediatric applications, Drayer, Burton P.; Rosenbaum, Arthur E.; Reigel, Donald B.; Bank, William O.; Deeb, Ziad L., 124: 349, 1977
- Cisternography, radionuclide**
- age-dependent differences of distribution and clearance patterns in normal RIHSA cisternograms (ab), Henriksson, L.; Voigt, K., 124: 565, 1977
- cerebrospinal fluid imaging using serial metrizamide CT cisternography (ab), Drayer, Burton P.; Rosenbaum, Arthur E.; Higman, H. B., 124: 858, 1977
- computed cranial tomography and radionuclide cisternography in hydrocephalus (SNM), Harbert, John C.;

- McCullough, David C.; Schellinger, Dieter, 7: 197, 1977
- transverse-section radionuclide scanning in cisternography (ab), Rothenberg, Howard P.; Devenney, John; Kuhl, David E., 125: 575, 1977
- Cisternography, technique**
- posterior fossa extraaxial cyst: diagnosis with metrizamide CT cisternography (AJR), Drayer, Burton P.; Rosenbaum, Arthur E.; Maroon, Joseph C.; Bank, William O.; Woodford, John E., 128: 431, 1977
- Cisterns, subarachnoid**
- anatomical observations of the subarachnoid cisterns of the brain during surgery (ab), Yasargil, M. Gazi; Kasdaglis, Konstantin; Jain, Kewal K.; Weber, Hans-Peter, 122: 559, 1977
- computed tomographic diagnosis of suprasellar masses by intrathecal enhancement, Drayer, Burton P.; Rosenbaum, Arthur E.; Kennerdell, John S.; Robinson, Alan G.; Bank, William O.; Deeb, Ziad L., 123: 339, 1977
- metrizamide computed tomography cisternography: pediatric applications, Drayer, Burton P.; Rosenbaum, Arthur E.; Reigel, Donald B.; Bank, William O.; Deeb, Ziad L., 124: 349, 1977
- metrizamide in pediatric myelography, Barry, Jonathan F.; Harwood-Nash, Derek C.; Fitz, Charles R.; Byrd, Sharon E.; Boldt, David W., 124: 409, 1977
- Clavicle**
- erosion of the inferior aspect of the clavicle in secondary hyperparathyroidism (AJR), Schwartz, Emanuel E.; Lantieri, Robert; Teplick, J. George, 129: 291, 1977
- osteolysis of the clavicular tip associated with repeated minor trauma to the shoulder, Seymour, E. Q., 123: 56, 1977
- posttraumatic osteolysis of the distal clavicle with emphasis on early radiologic changes (AJR), Levine, Arnold H.; Pais, M. Joyce; Schwartz, Emanuel E., 127: 781, 1976
- Colitis**
- early diagnosis of necrotizing enterocolitis (AJR), Siegle, Robert L.; Rabinowitz, Jack G.; Korones, Sheldon B.; Ryal, Fabian G., 127: 629, 1976
- Histoplasma capsulatum* as a cause of ileocolitis (AJR), Haws, Claude C.; Long, Robert F.; Caplan, Gerald E., 128: 692, 1977
- management of colitis caused by irradiation (ab), Smith, Jr., J. Stanley; Milford, Henry E., 122: 576, 1977
- roentgenographic features in antibiotic-associated pseudomembranous colitis (ab), Cho, Kyung J.; Ting, Yoh Ming; Chuang, Vincent P.; Lee, Inkyu, 123: 253, 1977
- Colitis, granulomatous**
- localized giant pseudopolypoid complicating granulomatous ileocolitis, Wills, John S.; Han, Soo Sung, 122: 320, 1977
- Colitis, ischemic**
- intramural barium in ischemic colitis: new radiographic finding (ab), Greves, III, John H.; Bohlman, Theodore W.; Frische, Louis H.; Katon, Ronald M., 122: 853, 1977
- ischemia of the colon (ab), O'Connell, Theodore X.; Kadell, Barbara; Tompkins, Ronald K., 122: 279, 1977
- ischemic colitis associated with sigmoid volvulus: new observations (AJR), Meyers, Morton A.; Ghahremani, Gary G.; Govoni, Antonio F., 128: 591, 1977
- Colitis, salmonella**
- salmonella colitis: two cases of a milder form (ab), Slomic, A. M.; Rousseau, B., 124: 276, 1977
- Colitis, ulcerative**
- acute spontaneously recovering ulcerating colitis (ARUC): report of 6 cases (ab), Bonifis, S.; Hervoir, P.; Girodet, J.; Le Quintec, Y.; Bader, J. P.; Gastard, J., 125: 854, 1977
- "backwash ileitis" with pseudopolypoid (AJR), Gardiner, Geoffrey A., 129: 506, 1977
- double contrast enema in ulcerative and Crohn's colitis (ab), Fraser, G. M.; Findlay, J. M., 122: 278, 1977
- hepatic angiography in ulcerative colitis and Crohn's disease (ab), Ekelund, Leif; Lunderquist, Anders; Dencker, Hans; Akerman, Mans, 122: 853, 1977
- toxic megacolon of ulcerative colitis in infancy (ab), Karjoo, Manouchehr; McCarthy, Brian, 122: 277, 1977
- ulcerative colitis associated with hypertrophic osteoarthropathy (ab), Farman, Jack; Twersky, Jack; Fierst, Sidney, 122: 278, 1977
- vasopressin control of massive hemorrhage in chronic ulcerative colitis (AJR), Cavaluzzi, John A.; Kaufman, Stephen L.; White, Jr., Robert L., 127: 672, 1976
- Collimators**
- See Radiography, apparatus and equipment; Radionuclide imaging, apparatus and equipment
- Colon**
- See also Colitis; Gastrointestinal tract; Intestines
- abnormal fat collections in the omentum and mesocolon of children, Hernandez, Ramiro; Poznanski, Andrew K.; Holt, John F.; Weintraub, William, 122: 193, 1977
- Colon, abnormalities**
- anatomic splenic flexure: ultrasonic renal imposter (AJR), Teele, Rita Littlewood; Rosenfield, Arthur T.; Freedman, Gerald S., 128: 115, 1977
- neonatal small left colon syndrome: its relationship to aganglionosis and meconium plug syndrome, Berdon, Walter E.; Slovis, Thomas L.; Campbell, John B.; Baker, David H.; Haller, Jack O., 125: 457, 1977
- technetium scans in the detection of gastrointestinal hemorrhage: preoperative diagnosis of enteric duplication in an infant (ab), Wilson, James P.; Wenzel, Wayne W.; Campbell, John B., 125: 576, 1977
- Colon, aganglionosis**
- megacolon associated with celiac sprue: report of four cases and review of the literature (AJR), Kappelman, Neil B.; Burrell, Morton; Toffler, Robert, 128: 65, 1977
- neonatal small left colon syndrome: its relationship to aganglionosis and meconium plug syndrome, Berdon, Walter E.; Slovis, Thomas L.; Campbell, John B.; Baker, David H.; Haller, Jack O., 125: 457, 1977
- Colon, dilatation**
- ischemia of the colon (ab), O'Connell, Theodore X.; Kadell, Barbara; Tompkins, Ronald K., 122: 279, 1977
- toxic megacolon of ulcerative colitis in infancy (ab), Karjoo, Manouchehr; McCarthy, Brian, 122: 277, 1977
- Colon, diseases**
- Clostridium*-produced gas gangrene of the colon, Rudikoff, Jeffrey C., 124: 26, 1977
- loss of colonic haustration in progressive systemic sclerosis (ab), Martel, William; Chang, Stanley F.; Abell, Murray R., 122: 279, 1977
- natural history of pneumatosis coli, Bloch, Claude, 123: 311, 1977
- neonatal small left colon syndrome: its relationship to aganglionosis and meconium plug syndrome, Berdon, Walter E.; Slovis, Thomas L.; Campbell, John B.; Baker, David H.; Haller, Jack O., 125: 457, 1977
- radiology of invasive amebiasis of the colon (AJR), Cardoso, J. Manuel; Kimura, Kenji; Stoop, Miguel; Cervantes, Luis F.; Elizondo, Lizardo; Churchill, Robert; Moncada, Rogelio, 128: 955, 1977
- skeletal demineralization and growth retardation in inflammatory bowel disease (ab), Genant, Harry K.; Mall, Jay C.; Wagonfeld, James B.; Horst, Jean Vander; Lanzl, Lawrence H., 123: 827, 1977
- thromboangiitis obliterans of the transverse colon (ab), Sachs, Ian L.; Klima, Tomas; Frankel, Normal B., 125: 854, 1977
- Colon, diverticula**
- See Intestines, diverticula
- Colon, edema**
- gastrointestinal edema in cirrhotics: radiographic manifestations and pathogenesis with emphasis on colonic involvement (ab), Balthazar, Emil J.; Gade, Marie Ferrante, 123: 826, 1977
- Colon, effects of irradiation**
- See Intestines, effects of irradiation
- Colon, hemorrhage**
- See Intestines, hemorrhage
- Colon, inflammation**
- changing clinical and roentgenographic patterns of necrotizing enterocolitis (ab), Rabinowitz, Jack G.; Siegel, Robert L., 122: 854, 1977
- inflammation and necrosis of the transverse colon secondary to pancreatitis (AJR), Thompson, William M.; Kelvin, Frederick M.; Rice, Reed P., 128: 943, 1977
- neonatal staphylococcal enterocolitis: association with indwelling feeding catheters and *S. aureus* colonization (ab), Gutman, Laura T.; Idriss, Ziad H.; Gehlbach, Stephen; Blackmon, Lillian, 123: 825, 1977
- Colon, mucosa**
- innominate lines of the colon: radiological-histological correlation, Matsuura, Keiichi; Nakata, Hajime; Takeda, Noriyuki; Nakata, Shinichiro; Shimoda, Yuichiro, 123: 581, 1977
- Colon, necrosis**
- inflammation and necrosis of the transverse colon secondary to pancreatitis (AJR), Thompson, William M.; Kelvin, Frederick M.; Rice, Reed P., 128: 943, 1977
- Colon, neoplasms**
- adenoma-carcinoma sequence in the stomach and colon. I. observations on the adenoma as precursor to ordinary large bowel carcinoma (ab), Lane, Nathan; Fenoglio, Cecilia M., 123: 254, 1977
- adenomatous polyps of the colon: rational approach (ab), Marshak, Richard H.; Lindner, Arthur E.; Maklansky, Daniel, 124: 277, 1977
- barium enema in the high-risk carcinoma patient (L), Miller, Roscoe E., 123: 813, 1977
- colonic adenocarcinoma: delayed complications of ureterosigmoidostomy (ab), Parsons, Charles D.; Thomas, Michael H.; Garrett, Robert A., 125: 854, 1977
- colonic polyp detection: role of roentgenography and colonoscopy (opin), Amberg, John R.; Lawson, Thomas L.; Margulis, Alexander R.; Marshak, Richard H.; Miller, Roscoe E.; Short, Welland F.; Stewart, Edward T.; Youker, James E.; Zboralske, F. Frank, 125: 255, 1977
- colonic polyp detection: role of roentgenography and colonoscopy (opin), Amberg, John R.; Berk, Robert N.; Clemett, Arthur R.; Dodds, Wylie J.; Friedland, Gerald W.; Goldberg, Henry I.; Goldstein, Harvey M.; Laufer, Igor; Burhenne, H. Joachim, 125: 255, 1977
- comparison of barium enema and colonoscopy in the detection of small colonic polyps, Thoeni, Ruedi F.; Menuck, Leslie, 124: 631, 1977
- fecaloma simulating colonic neoplasm (ab), Childress, Michael H.; Martel, William, 122: 854, 1977
- localization of  $^{99m}\text{Tc}$ -Sn-pyrophosphate in liver metastasis from carcinoma of colon (ab), Balachandran, Suppiah, 124: 287, 1977
- localized giant pseudopolypoid complicating granulomatous ileocolitis, Wills, John S.; Han, Soo Sung, 122: 320, 1977
- primary ultrasonic detection of a double carcinoma of the colon, Kremer, H.; Lohmoeller, G.; Zollner, N., 124: 481, 1977
- radiological demonstration of colorectal polyps undetected by endoscopy (ab), Laufer, Igor; Smith, Neville C. W.; Mullens, J. Edward, 122: 279, 1977
- scintigraphic criteria for hepatic metastases from cancer of the colon and breast (ab), Drum, David E.; Beard, Judith M., 124: 865, 1977
- segmental polypoid lipomatosis of the colon (AJR), Danoff, David M.; Nisenbaum, Harvey L.; Stewart, W. Bruce; Moore, Robert C.; Clahasse, Erwin B., 128: 858, 1977
- Colon, obstruction**
- See Intestines, obstruction
- Colonoscopy**
- colonic polyp detection: role of roentgenography and colonoscopy (opin), Amberg, John R.; Lawson, Thomas L.; Margulis, Alexander R.; Marshak, Richard H.; Miller, Roscoe E.; Short, Welland F.; Stewart, Edward T.; Youker, James E.; Zboralske, F. Frank, 125: 255, 1977
- colonic polyp detection: role of roentgenography and colonoscopy (opin), Amberg, John R.; Berk, Robert N.; Clemett, Arthur R.; Dodds, Wylie J.; Friedland, Gerald W.; Goldberg, Henry I.; Goldstein, Harvey M.; Laufer, Igor; Burhenne, H. Joachim, 125: 255, 1977
- comparison of barium enema and colonoscopy in the detection of small colonic polyps, Thoeni, Ruedi F.; Menuck, Leslie, 124: 631, 1977
- Colon, perforation**
- See Intestines perforation
- sigmoid colon perforation into the lesser sac (AJR), Goodwin, Claudia A.; Lewicki, Ann M., 128: 491, 1977
- Colon, polyp**
- See Colon, neoplasms
- Colon, radiography**
- colonic polyp detection: role of roentgenography and colonoscopy (opin), Amberg, John R.; Lawson, Thomas L.; Margulis, Alexander R.; Marshak, Richard H.; Miller, Roscoe E.; Short, Welland F.; Stewart, Edward T.; Youker, James E.; Zboralske, F. Frank, 125: 255, 1977



- colonic polyp detection: role of roentgenography and colonoscopy (opin), Amberg, John R.; Berk, Robert N.; Clemett, Arthur R.; Dodds, Wylie J.; Friedland, Gerald W.; Goldberg, Henry I.; Goldstein, Harvey M.; Laufer, Igor; Burhenne, H. Joachim, 123: 255, 1977
- fast-flow enema equipment, Miller, Roscoe E., 123: 229, 1977
- innominate lines of the colon: radiological-histological correlation, Matsuura, Keiichi; Nakata, Hajime; Takeda, Noriyuki; Nakata, Shinichiro; Shimoda, Yuichiro, 123: 581, 1977
- radiological study of morphology and growth in the human fetal colon (ab), Harris, P. F.; Jones, P. R. M.; Robertson, C. S., 122: 563, 1977
- simple method of barium administration for double-contrast enemas, Hogan, Michael T.; Antico, Dominic A.; Pollak, Christine, 123: 230, 1977
- Colon, vascular ectasia**  
pathophysiologic basis for the angiographic signs of vascular ectasias of the colon, Boley, Scott J.; Sprayregen, Seymour; Sammartano, Robert J.; Adams, Anne; Kleinhaus, Sylvain, 125: 615, 1977
- Colon, volvulus**  
intermittent dislocation of the liver: syndrome associated with volvulus of the transverse colon and stomach and obstructive jaundice (ab), Miller, Thomas; Thompson, Norman W., 125: 280, 1977
- volvulus of the colon in a child with congenital asplenia (Ivemark's syndrome), Markowitz, Richard I.; Shashikumar, V. L.; Capitanio, Marie A., 122: 442, 1977
- Computed tomography**  
annual body imaging conference, 2nd (Canoga Park, Calif.), 123: 78, 1977
- computed tomography: international symposium and course (Miami Beach, Fla.), 125: 126, 1977
- computed tomography: current concepts (Orlando, Fla.), 125: 132, 1977
- computerized tomography using the EMI general purpose scanner (ab), Krel, Louis, 124: 860, 1977
- course in computerized tomography and ultrasound (New York, N.Y.), 124: 738, 1977
- course on computed tomography (4th) (Chicago, Ill.), 124: 358, 1977
- CT scanning: a backward look (ab), Ambrose, James, 123: 534, 1977
- C. T. scanning: new art form (SR), Wortzman, George, 12: 95, 1977
- effects of biological motion on CT resolution (ab), Alfidi, Ralph J.; MacIntyre, William J.; Haaga, John R., 123: 829, 1977
- factors affecting the use of quantitative information from a CT scanner, McCullough, Edwin C., 124: 99, 1977
- further progress in CT scanning and computerized radiation therapy treatment planning (ab), Jelden, Gwynn L.; Chernak, Edward S.; Rodriguez-Antunez, Antonio; Haaga, John R.; Lavik, Paul S.; Dhaliwal, Ranjit S., 123: 830, 1977
- health planning for computed tomography: perspectives and problems (ab), Cloe, Lee E., 123: 830, 1977
- Massachusetts Institute of Technology (Cambridge, Mass.), 123: 454, 1977
- measurement of effective atomic number and electron density using an EMI scanner (ab), Rutherford, R. A.; Pullman, B. R.; Isherwood, I., 124: 281, 1977
- postgraduate radiology course (La Jolla, Calif.), 124: 394, 1977
- practical aspects of computed tomography (Miami, Fla.), 122: 370, 1977
- progress in computerized tomography (Rochester, Minn.), 122: 142, 1977
- refresher course on computed tomography (Rochester, Minn.), 124: 90, 1977
- seminar comparing computed tomography, ultrasound, and nuclear imaging (Madison, Wis.), 122: 698, 1977
- seminar on computed tomography (Washington, D.C.), 124: 738, 1977
- symposium on total body computerized tomography (Heidelberg), 125: 142, 1977
- x-ray energies for effective atomic number determination (ab), Rutherford, R. A.; Pullman, B. R.; Isherwood, I., 124: 282, 1977
- Computed tomography, abdominal**  
accuracy of computed tomography of the liver and biliary tract, Levitt, Robert G.; Sagel, Stuart S.; Stanley, Robert J.; Jost, R. Gilbert, 124: 123, 1977
- attenuation values in computed tomography of the abdomen, Mategrano, Victor C.; Petasnick, Jerry P.; Clark, John; Bin, Anthony Chung; Weinstein, Ronald, 125: 135, 1977
- body computed tomography: clinically important and efficacious radiologic procedure (opin), Evens, Ronald G.; Alfidi, Ralph J.; Haaga, John R.; Hartman, Glen W.; Hattery, Robert R.; Kazam, Elias; Korobkin, Melvyn; Margulis, Alexander R.; Meaney, Thomas F., 123: 239, 1977
- body computed tomography: clinically important and efficacious radiologic procedure (opin), Sagel, Stuart S.; Sheedy, II, Patrick F.; Stanley, Robert J.; Stephens, David H.; Whalen, Joseph P., 123: 0239, 1977
- computed body tomography (RCNA), Alfidi, Ralph J.; Haaga, John R., 14: 563, 1976
- computed tomographic evaluation of the pancreas, Stanley, Robert J.; Sagel, Stuart S.; Levitt, Robert G., 124: 715, 1977
- computed tomography and obstructive biliary disease (AJR), Havrilla, Thomas R.; Haaga, John R.; Alfidi, Ralph J.; Reich, Norbert E., 128: 765, 1977
- computed tomography as an adjunct in the staging of Hodgkin's disease and non-Hodgkin's lymphomas, Redman, Helen C.; Glatstein, Eli; Castellino, Ronald A.; Federal, W. Aubrey, 124: 381, 1977
- computed tomography in the evaluation of patients with suspected carcinoma of the pancreas, Sheedy, II, Patrick F.; Stephens, David H.; Hattery, Robert R.; MacCarty, Robert L., 124: 731, 1977
- computed tomography of abdominal mass lesions in children: initial experience, Boldt, David W.; Reilly, Bernard J., 124: 371, 1977
- computed tomography of abdominal paraaortic lymph node disease: preliminary observations with a 6 second scanner (AJR), Marshall, Jr., William H.; Breiman, Richard S.; Harell, George S.; Glatstein, Eli; Kaplan, Henry S., 128: 759, 1977
- computed tomography of body: early trends in application and accuracy of method (ab), Stanley, Robert J.; Sagel, Stuart S.; Levitt, Robert G., 123: 829, 1977
- computed tomography of body: initial clinical trial with EMI prototype (ab), Sheedy, II, Patrick F.; Stephens, David H.; Hattery, Robert R.; Muhm, John R.; Hartman, Glen W., 123: 829, 1977
- computed tomography of liver (ab), Alfidi, Ralph J.; Haaga, John R.; Havrilla, Thomas R.; Pepe, Richard G.; Cook, Sebastian A., 123: 829, 1977
- computed tomography of localized adipose deposits presenting as tumor masses (AJR), Cohen, William N.; Seidelmann, Frank E.; Bryan, Patrick J., 128: 1007, 1977
- computed tomography of the liver (AJR), Stephens, David H.; Sheedy, II, Patrick F.; Hattery, Robert R.; MacCarty, Robert L., 128: 579, 1977
- computer-assisted method to determine the diagnostic efficacy of computed tomography of the body, Levitt, Robert G.; Jost, R. Gilbert; Trachtman, Jack; Sagel, Stuart S.; Stanley, Robert J., 123: 97, 1977
- computerized axial tomography in acute and chronic pancreatitis (ab), Baert, A. L.; Ponette, E.; Pringot, J.; Marchal, G.; Dardeenne, A.; Coenen, Y., 125: 854, 1977
- contributions of computed tomography in the staging and management of malignant lymphoma, Alcorn, Franklin S.; Mategrano, Victor C.; Petasnick, Jerry P.; Clark, John W., 125: 717, 1977
- correlation of computed tomography, gray scale ultrasonography, and radionuclide imaging of the liver in detecting space-occupying processes, Bryan, Patrick J.; Dinn, W. Martin; Grossman, Zachary D.; Wistow, Brian W.; McAfee, John G.; Kieffer, Stephen A., 124: 387, 1977
- CT confirmation of pelvic lipomatosis: two cases (AJR), Gerson, Edwin S.; Gerzof, Stephen G.; Robbins, Alan H., 129: 338, 1977
- CT demonstration of the splenic vein-pancreatic relationship: pseudodilated pancreatic duct (AJR), Seidelmann, Frank E.; Cohen, William N.; Bryan, Patrick J.; Brown, Jerry, 129: 17, 1977
- CT detection and aspiration of abdominal abscesses (AJR), Haaga, John R.; Alfidi, Ralph J.; Havrilla, Thomas R.; Cooperman, Avram M.; Seidelmann, Frank E.; Reich, Norbert E.; Weinstein, Allan J.; Meaney, Thomas F., 128: 465, 1977
- CT-guided antegrade pyelography and percutaneous nephrostomy (AJR), Haaga, John R.; Zelch, Margaret G.; Alfidi, Ralph J.; Stewart, Bruce H.; Daugherty, James D., 128: 621, 1977
- definitive role of CT scanning of the pancreas: second year's experience, Haaga, John R.; Alfidi, Ralph J.; Havrilla, Thomas R.; Tubbs, Raymond; Gonzalez, Leopold; Meaney, Thomas F.; Corsi, Mary Ann, 124: 723, 1977
- detection of retroperitoneal hemorrhage by computed tomography (AJR), Sagel, Stuart S.; Siegel, Marilyn J.; Stanley, Robert J.; Jost, R. Gilbert, 129: 403, 1977
- diagnosis and evaluation of retroperitoneal tumors by computed tomography (AJR), Stephens, David H.; Sheedy, II, Patrick F.; Hattery, Robert R.; Williamson, Jr., Byrn, 129: 395, 1977
- early experience with the Varian six second body scanner in diagnosis of hepatobiliary tract disease, Harell, George S.; Marshall, Jr., William H.; Breiman, Richard S.; Seppi, Edward J., 123: 355, 1977
- new dimensions in computed tomography, Jelden, Gwynn L.; Sufka, Bruno; Arnold, Jeff; Rodriguez-Antunez, Antonio; Doering, Edmond; Lavik, Paul S.; Turnbull, Rupert, 123: 213, 1977
- retrospective comparison of radionuclide scans and computed tomography of the liver and pancreas (AJR), MacCarty, Robert L.; Wahner, Heinz W.; Stephens, David H.; Sheedy, Patrick F.; Hattery, Robert R., 129: 23, 1977
- Computed tomography, apparatus and equipment**  
computerized cranial tomography: equipment and physics (ab), Ter-Pogossian, Michel M., 123: 534, 1977
- early experience with the Varian six second body scanner in diagnosis of hepatobiliary tract disease, Harell, George S.; Marshall, Jr., William H.; Breiman, Richard S.; Seppi, Edward J., 123: 355, 1977
- factors affecting the use of quantitative information from a CT scanner, McCullough, Edwin C., 124: 99, 1977
- inaccuracy in computed tomography: energy dependence of CT values, Zatz, Leslie M.; Alvarez, Robert E., 124: 91, 1977
- off-line image processing system for digital display in computed tomography, Larsen, Lawrence E.; Evans, Robert A., 123: 361, 1977
- physical, performance, and dosimetric characteristics of the d-scan 50 whole-body/brain scanner, Bassano, Daniel A.; Chamberlain, Charles C.; Mozley, James M.; Kieffer, Stephen A., 123: 455, 1977
- radiation protection requirements for a whole-body CT scanner, Gross, Gary P.; McCullough, Edwin C., 122: 825, 1977
- statistical profiles in computed tomography, Kramer, Richard A.; Yoshikawa, Bonnie M.; Scheibe, Paul O.; Janetos, George P., 125: 145, 1977
- use of CT scanners in megavoltage photon-beam therapy planning, Geise, Richard A.; McCullough, Edwin C., 124: 133, 1977
- white and gray matter of the brain differentiated by computed tomography, Weinstein, Meredith A.; Duchesneau, Paul M.; MacIntyre, William J., 122: 699, 1977
- Computed tomography, attenuation coefficients**  
attenuation values in computed tomography of the abdomen, Mategrano, Victor C.; Petasnick, Jerry P.; Clark, John; Bin, Anthony Chung; Weinstein, Ronald, 125: 135, 1977
- calibration and response of an EMI scanner (ab), Rutherford, R. A.; Pullman, B. R.; Isherwood, I., 124: 281, 1977
- factors affecting the use of quantitative information from a CT scanner, McCullough, Edwin C., 124: 99, 1977
- inaccuracy in computed tomography: energy dependence of CT values, Zatz, Leslie M.; Alvarez, Robert E., 124: 91, 1977
- physical, performance, and dosimetric characteristics of the d-scan 50 whole-body/brain scanner, Bassano, Daniel A.; Chamberlain, Charles C.; Mozley, James M.; Kieffer, Stephen A., 123: 455, 1977
- quantitative aspects of computed tomography of blood and cerebrospinal fluid, Norman, David; Price, David; Boyd, Douglas; Fishman, Robert; Newton, Thomas H., 123: 335, 1977
- statistical profiles in computed tomography, Kramer, Richard A.; Yoshikawa, Bonnie M.

- Scheibe, Paul O.; Janetos, George P., 125: 145, 1977
- Computed tomography, blood**  
quantitative aspects of computed tomography of blood and cerebrospinal fluid, Norman, David; Price, David; Boyd, Douglas; Fishman, Robert; Newton, Thomas H., 123: 335, 1977
- Computed tomography, breast**  
computed tomography of the breast: preliminary report, Chang, C. H. Joseph; Sibala, Justo L.; Gallagher, Joe H.; Riley, Richard C.; Templeton, Arch W.; Beasley, Patricia V.; Porte, Richard A., 124: 827, 1977
- Computed tomography, cardiac**  
cardiac reconstruction imaging in relation to other ultrasound systems and computed tomography (ab), Graniak, Raymond; Waag, Robert C., 123: 830, 1977  
computed tomography: *in vitro* evaluation of myocardial infarction, Gray, Jr., William R.; Parkey, Robert W.; Buja, L. Maximilian; Stokely, Ernest M.; McAllister, Robert E.; Bonte, Frederick J.; Willerson, James T., 122: 511, 1977  
computed tomography of heart (ab), Ter-Pogossian, Michel M.; Weiss, E. S.; Coleman, R. E.; Sobel, B. E., 123: 830, 1977  
differing attenuation coefficients of normal and infarcted myocardium (ab), Adams, Douglass F.; Hessel, Samuel J.; Judy, Philip F.; Stein, Jay A.; Abrams, Herbert L., 122: 562, 1977  
*in vitro* computed tomography of human heart, White, Jr., Robert I.; Leo, Frank P.; Kaufman, Stephen L.; Bulkley, Bernadine H.; Hutchins, Grover M., 123: 777, 1977  
right and left ventricular volumes and wall measurements: determination by computed tomography in arrested canine hearts (AJR), Miller, Stephen W.; Dinsmore, Robert E.; Wittenberg, Jack; Maturi, Richard A.; Powell, Jr., W. John, 129: 257, 1977  
stop-action cardiac computed tomography, Harell, George S.; Guthaner, Diana F.; Breiman, Richard S.; Morehouse, Charles C.; Seppi, Edward J.; Marshall, Jr., William H.; Wexler, Lewis, 123: 515, 1977
- Computed tomography, cerebrospinal fluid**  
quantitative aspects of computed tomography of blood and cerebrospinal fluid, Norman, David; Price, David; Boyd, Douglas; Fishman, Robert; Newton, Thomas H., 123: 335, 1977
- Computed tomography, contrast enhancement**  
computed tomographic demonstration of hepatic tumor with the aid of intravenous iodinated fat emulsion: experimental study, Vermess, Michael; Adamson, Richard H.; Doppman, John L.; Gilton, Mary, 125: 711, 1977  
computed tomographic diagnosis of suprasellar masses by intrathecal enhancement, Drayer, Burton P.; Rosenbaum, Arthur E.; Kennerdell, John S.; Robinson, Alan G.; Bank, William O.; Deeb, Ziad L., 123: 339, 1977  
computed tomography: contrast enhancement in resolving intracerebral hemorrhage (AJR), Messina, Albert V., 127: 1050, 1976  
computed tomography in intracranial arteriovenous malformations, Terbrugge, Karel; Scotti, Giuseppe; Ethier, Romeo; Melancon, Denis; Tchong, Stanley; Milner, Curt, 122: 703, 1977  
computed tomography of acoustic neuroma, Davis, Kenneth R.; Parker, Stephen W.; New, Paul F. J.; Roberson, Glenn H.; Taveras, Juan M.; Ojemann, Robert J.; Weiss, A. D., 124: 81, 1977  
CSF enhancement for computerized tomography (ab), Roberson, Glenn H.; Brismar, Jan; Weiss, Alfred; Davis, Kenneth R.; Taveras, Juan M.; New, Paul F. J.; Ackerman, Robert H.; Glenn, William V., 123: 248, 1977  
evaluation of brain and epidural abscesses by computed tomography, Lott, Thomas; El Gannal, Taher; Dasilva, Rui; Hanks, Dan; Reynolds, Johnny, 122: 371, 1977  
neck and mediastinal angiography by computed tomography scan, Carter, Barbara L.; Ignatow, Stanley B., 122: 515, 1977  
ring blush associated with intracerebral hematoma, Zimmerman, Robert D.; Leeds, Norman E.; Naidich, Thomas P., 122: 707, 1977  
visualization of thyroid gland with computed tomography, Wolf, Bernard S.; Nakagawa, Hiroshi; Yeh, Hsu-Chong, 123: 368, 1977
- Computed tomography, cost effectiveness**  
clinical efficacy and cost analysis of cranial computed tomography and the radionuclide brain scan, Evens, Ronald G.; Jost, R. Gilbert, 122: 142, 1977  
computed tomography: cost-benefit dilemma (opin), Swartz, Robert; DesHarnais, Susan, 125: 251, 1977  
computer-assisted method to determine the diagnostic efficacy of computed tomography of the body, Levitt, Robert G.; Jost, R. Gilbert; Trachtman, Jack; Sagel, Stuart S.; Stanley, Robert J., 123: 97, 1977
- Computed tomography, cranial**  
analysis of the dense lesion at computed tomography with dual kVp scans, Marshall, Jr., William H.; Easter, Wayne; Zatz, Leslie M., 124: 87, 1977  
arachnoid cysts on computed tomography (AJR), Banna, M., 127: 979, 1976  
atlas of the human brain for use in diagnosis by computer-assisted tomography (ab), Schoultz, Ture W.; Morrison, James R.; Calhoun, Joseph D., 122: 559, 1977  
autopsy correlations of computerized tomography: experience with 6,000 CT scans (ab), Jacobs, Lawrence; Kinkel, William R.; Heffner, Reid R., 125: 275, 1977  
basilar artery ectasia demonstrated by computed tomography, Peterson, Neil T.; Duchesneau, Paul M.; Westbrook, Edward L.; Weinstein, Meredith A., 122: 713, 1977  
capacity for computed tomography diagnosis of cerebral infarction: experimental study in the nonhuman primate, Drayer, Burton P.; Dujovny, Manuel; Boehnke, Manfred; Wolfson, Jr., Sidney K.; Barrionuevo, Pedro J.; Cook, Eugene E.; Rosenbaum, Arthur E., 125: 393, 1977  
cerebral vascular lesions: infarction, hemorrhage, aneurysm, and arteriovenous malformation (ab), Lukin, Robert R.; Chambers, A. Alan; Tomsick, Thomas A., 123: 534, 1977  
changes in size of normal lateral ventricles during aging determined by computerized tomography (ab), Barron, Stephen A.; Jacobs, Lawrence; Kinkel, William R., 125: 275, 1977  
clinical efficacy and cost analysis of cranial computed tomography and the radionuclide brain scan, Evens, Ronald G.; Jost, R. Gilbert, 122: 142, 1977  
comparison of radionuclide scans with computer-assisted tomography in diagnosis of intracranial disease (ab), Clifford, John R.; Connolly, Edward S.; Voorhies, Rand M., 125: 564, 1977  
complementary role of computerized axial transmission tomography and radionuclide imaging of the brain (SNM), Fordham, Ernest W., 7: 137, 1977  
computed angiostomography (AJR), Weinstein, Meredith A.; Duchesneau, Paul M.; Weinstein, Cheryl E., 129: 699, 1977  
computed brain and orbital tomography: technique and interpretation (bk rev), Gonzalez, Carlos F.; Grossman, Charles B.; Palacios, Enrique, Reviewed by Wolpert, Samuel M., 125: 716, 1977  
computed cranial tomography and radionuclide cisternography in hydrocephalus (SNM), Harbert, John C.; McCullough, David C.; Schellinger, Dieter, 7: 197, 1977  
computed tomographic appearance of methotrexate-induced necrotizing leukoencephalopathy, Bjorgen, John E.; Gold, Lawrence H. A., 122: 377, 1977  
computed tomographic diagnosis of suprasellar masses by intrathecal enhancement, Drayer, Burton P.; Rosenbaum, Arthur E.; Kennerdell, John S.; Robinson, Alan G.; Bank, William O.; Deeb, Ziad L., 123: 339, 1977  
computed tomographic evaluation of increased intracranial pressure without localizing signs, Weisberg, Leon; Nice, Charles N., 122: 133, 1977  
computed tomographic evaluation of hemorrhage secondary to intracranial aneurysms (ab), Davis, Kenneth R.; New, Paul F. J.; Ojemann, Robert G.; Crowell, Robert M.; Morawetz, Richard B.; Roberson, Glenn H., 123: 830, 1977  
computed tomography: anatomic basis of zone of diminished density surrounding meningiomas (ab), Sigel, Richard M.; Messina, Albert V., 123: 830, 1977  
computed tomography and angiography in subarachnoid hemorrhage (ab), Kendall, B. E.; Lee, B. C. P.; Claveria, L. E., 123: 248, 1977
- computed tomography and brain scintigraphy in ischemic stroke (AJR), Chiu, Lee C.; Fodor, Laszlo B.; Cornell, Steven H.; Christie, James H., 127: 481, 1976  
computed tomography and neuroradiology: fortunate primary union (ab), Baker, Jr., Hillier L., 123: 830, 1977  
computed tomography and radionuclide studies in diagnosis of intracranial disease (ab), Christie, James H.; Mori, Hirofumi; Go, Raymundo T.; Cornell, Steven H.; Schapiro, Rolf L., 123: 830, 1977  
computed tomography in cerebral hemiatrophy (AJR), Jacoby, Charles G.; Go, Raymundo T.; Hahn, Francis J., 129: 5, 1977  
computed tomography in diagnosis of degenerative diseases of the brain (ab), Huckman, Michael S.; Fox, Jacob H.; Ramsey, Ruth G., 123: 534, 1977  
computed tomography in extra-dural epidermoid and xanthoma (ab), Tadmor, Rina; Davis, Kenneth R.; Roberson, Glenn H.; New, Paul F. J.; Taveras, Juan M., 125: 565, 1977  
computed tomography in head trauma, Dublin, Arthur B.; French, Barry N.; Rennick, John M., 122: 365, 1977  
computed tomography in head trauma (ab), Davis, Kenneth R.; Taveras, Juan M.; Roberson, Glenn H.; Ackerman, Robert H.; Dreisbach, James N., 123: 534, 1977  
computed tomography in infants and children: intracranial neoplasms (ab), Berger, Paul E.; Kirks, Donald R.; Gilday, David L.; Fitz, Charles R.; Harwood-Nash, Derek C., 123: 830, 1977  
computed tomography in intracranial arteriovenous malformations, Terbrugge, Karel; Scotti, Giuseppe; Ethier, Romeo; Melancon, Denis; Tchong, Stanley; Milner, Curt, 122: 703, 1977  
computed tomography in lead encephalopathy: case report, Hungerford, G. Douglas; Ross, Paul; Robertson, Hugh J. F., 123: 91, 1977  
computed tomography in progressive multifocal leukoencephalopathy (AJR), Conomy, John P.; Weinstein, Meredith A.; Agamanolis, Dimitris; Holt, Walcott S., 127: 663, 1976  
computed tomography in the diagnosis of cerebral abscess (ab), Nielsen, H.; Glydensted, C., 124: 852, 1977  
computed tomography in the evaluation of intracranial aneurysms and subarachnoid hemorrhage, Scotti, Giuseppe; Ethier, Romeo; Melancon, Denis; Terbrugge, Karel; Tchong, Stanley, 123: 85, 1977  
computed tomography in the evaluation of herpes simplex encephalitis, Dublin, Arthur B.; Merten, David F., 125: 133, 1977  
computed tomography of acoustic neuroma, Davis, Kenneth R.; Parker, Stephen W.; New, Paul F. J.; Roberson, Glenn H.; Taveras, Juan M.; Ojemann, Robert J.; Weiss, A. D., 124: 81, 1977  
computed tomography of angiographically occult cerebral vascular malformations, Kramer, Richard A.; Wing, S. Douglas, 123: 649, 1977  
computed tomography of intracerebral hematomas. I. transmission CT observations on hematoma resolution (AJR), Dolinskas, Carol A.; Bilaniuk, Larissa T.; Zimmerman, Robert A.; Kuhl, David E., 129: 681, 1977  
computed tomography of intracerebral hematomas. II. radionuclide and transmission CT studies of the perihematomal region (AJR), Dolinskas, Carol A.; Bilaniuk, Larissa T.; Zimmerman, Robert A.; Kuhl, David E.; Alavi, Abbas, 129: 689, 1977  
computed tomography of porencephaly and other cerebrospinal fluid-containing lesions, Ramsey, Ruth G.; Huckman, Michael S., 123: 73, 1977  
computed tomography of systemic lupus erythematosus, Bilaniuk, Larissa T.; Patel, Suresh; Zimmerman, Robert A., 124: 119, 1977  
computer-assisted cranial tomography in early diagnosis of tuberous sclerosis (ab), Martin, Gilbert I.; Kaiserman, Donald; Liegler, Donald; Amorosi, Edward D.; Nadel, Harold, 122: 559, 1977  
computerized (axial) tomography in the serial study of cerebral tumors treated by radiation: preliminary report (ab), Carella, Richard J.; Pay, Norman T.; Newall, Joseph; Farina, Anthony T.; Kricheff, Irvin I.; Cooper, Jay S., 123: 248, 1977  
computerized axial tomography in chronic seizure disorders of childhood (ab),

- Bachman, David S.; Hodges, III, Fred J.; Freeman, John M., 123: 819, 1977
- computerized axial tomography in cerebral vascular disease (ab), Kinkel, William R.; Jacobs, Lawrence, 123: 819, 1977
- computerized axial tomography in patients with severe migraine: preliminary report (ab), Hungerford, G. D.; du Boulay, G. H.; Zilkha, K. J., 125: 275, 1977
- computerized axial tomography of intracerebral hematoma: clinical and neuropathological study (ab), Butzer, John F.; Cancillia, Pasquale A.; Cornell, Steven H., 123: 248, 1977
- computerized axial tomography of the head (ab), Danziger, J.; Bloch, S.; Podlas, Hilda, 124: 852, 1977
- computerized cranial tomography and radionuclide imaging in the detection of intracranial mass lesions (SNM), Alderson, Philip O.; Gado, Mokhtar H.; Siegel, Barry A., 7: 161, 1977
- computerized cranial tomography: equipment and physics (ab), Ter-Pogossian, Michel M., 123: 534, 1977
- computerized tomography and benign intracranial hypertension (ab), Delaney, Peyton; Schellinger, Dieter, 122: 559, 1977
- computerized tomography and encephalography (ab), Ruggiero, G.; Sabbatini, L.; Nuzzo, G., 124: 852, 1977
- computerized tomography and intellectual impairment in the elderly (ab), Roberts, Margaret A.; Caird, F. L., 125: 275, 1977
- computerized tomography (CT) in otolaryngology (ab), Wortzman, G.; Holgate, R. C., 125: 846, 1977
- computerized tomography in Moyamoya syndrome (ab), Handa, Jyoji; Nakano, Yoshihisa; Okuno, Takehiko; Komuro, Hiroyuki; Hojo, Hiroatsu; Handa, Hajime, 125: 565, 1977
- computerized tomography in the detection of intracranial metastases in children (ab), Dymont, Paul G.; Rothner, A. David; Duchesneau, Paul M.; Weinstein, Meredith A., 122: 272, 1977
- computerized tomography in the diagnosis of sellar and parasellar lesions (SR), Leeds, Norman E.; Naidich, Thomas P., 12: 121, 1977
- computerized tomography in the diagnosis of cerebral atrophy (ab), Roberts, Margaret A.; Caird, F. L.; Grossart, K. W.; Stevens, J. L., 124: 852, 1977
- computerized tomography of infratentorial tumors (SR), Gado, Mokhtar H.; Huete, Isidro; Mikhael, Michael, 12: 109, 1977
- computer subtraction in regional cerebral blood-volume measurements using the EMI-scanner (ab), Zilkha, E.; Ladurner, G.; Iliff, Linnette D.; Du Boulay, G. H.; Marshall, J., 122: 559, 1977
- computer tomography in intracranial tumors: cooperative study of 1658 neoplasms (ab), Wende, S.; Aulich, A.; Kretschmar, K.; Grumme, Th.; Meese, W.; Lange, S.; Steinhoff, H.; Lanksch, W.; Kazner, E., 125: 846, 1977
- computer tomography in the diagnosis of cerebellopontine angle tumors (ab), Gyldensted, C.; Lester, J.; Thomsen, J., 124: 269, 1977
- computer tomography of the cerebrum in multiple sclerosis (ab), Gyldensted, C., 124: 269, 1977
- congenital craniocerebral abnormalities and computed tomography (ab), Harwood-Nash, Derek C., 123: 534, 1977
- coronal computed tomography of the skull and brain in infants and children. part I: technique and results, Byrd, Sharon E.; Harwood-Nash, Derek C.; Barry, Jonathan F.; Fitz, Charles R.; Boldt, David W., 124: 705, 1977
- coronal computed tomography of the skull and brain in infants and children. part II: clinical value, Byrd, Sharon E.; Harwood-Nash, Derek C.; Barry, Jonathan F.; Fitz, Charles R.; Boldt, David W., 124: 710, 1977
- cranial computed tomographic scan appearance of Sturge-Weber disease: unusual presentation, Enzmann, Dieter R.; Hayward, R. W.; Norman, David; Dunn, R. P., 122: 721, 1977
- cranial computed tomography in aphasia: correlation of anatomical lesions with functional deficits, Hayward, Robert W.; Naeser, Margaret A.; Zatz, Leslie M., 123: 653, 1977
- cranial computed tomography in the baboon: normal anatomy, Drayer, Burton P.; Dujovny, Manuel; Wolfson, Jr., Sidney K.; Boehnke, Manfred; Cook, Eugene E.; Barrionuevo, Pedro J., 125: 403, 1977
- CT in the diagnosis of supratentorial tumors (SR), Davis, David O., 12: 97, 1977
- delineation of lesions of the base of the skull by computed tomography, Nakagawa, Hiroshi; Wolf, Bernard S., 124: 75, 1977
- demonstration of purulent bacterial intracranial infections by computed tomography (ab), Zimmerman, Robert A.; Patel, Suresh; Bilaniuk, Larissa T., 123: 830, 1977
- demonstration of the superior ophthalmic vein by high resolution computed tomography, Bacon, K. Terry; Duchesneau, Paul M.; Weinstein, Meredith A., 124: 129, 1977
- dense intracranial epidermoid tumors: computed tomographic observations, Braun, Ira F.; Naidich, Thomas P.; Leeds, Norman E.; Koslow, Maxim; Zimmerman, Harry M.; Chase, Norman E., 122: 717, 1977
- detection of subarachnoid blood clot and other thin flat structures by computed tomography, Lim, Samuel T.; Sage, Donald J., 123: 79, 1977
- diagnosis of descending transtentorial herniation by cranial computed tomography, Osborn, Anne G., 123: 93, 1977
- diagnosis of empty sella with CT scan (ab), Rozario, R.; Hammerschlag, S. B.; Post, K. D.; Wolpert, S. M., 125: 563, 1977
- diagnosis of isodense subdural hematomas by computed tomography (AJR), Amendola, Marco A.; Ostrum, Bernard J., 129: 693, 1977
- diagnosis of progressive multifocal leukoencephalopathy by computed tomography, Carroll, Barbara A.; Lane, Barton; Norman, David; Enzmann, Dieter R., 122: 137, 1977
- epidermoid tumors with intraventricular and subarachnoid fat: report of two cases (AJR), Laster, D. Wayne; Moody, Dixon M.; Ball, Marshall R., 128: 504, 1977
- evaluation of brain and epidural abscesses by computed tomography, Lott, Thomas; El Gammal, Taher; Dasilva, Rui; Hanks, Dan; Reynolds, Johnny, 122: 371, 1977
- evaluation of head trauma by computed tomography, Koo, Andrew H.; LaRoque, Robert L., 123: 345, 1977
- evaluation of recent cerebral infarction by computerized tomography (ab), Masden, Joseph C.; Akar-Kia, Behrooz; Rubino, Frank A., 125: 846, 1977
- evolution of cerebral abscess: correlation of clinical features with computed tomography: case report (ab), Zimmerman, Robert A.; Bilaniuk, Larissa T.; Shipkin, Paul M.; Gilden, Donald H.; Murtagh, Frederick, 125: 846, 1977
- exposures to patient and personnel in computed axial tomography, Shrivastava, Prakash N.; Lynn, Susan L.; Ting, Joseph Y., 125: 411, 1977
- frontal and lateral views of the brain reconstructed from EMI axial slices, Schultz, Raymond A.; Joseph, Peter M.; Hilal, Sadek K., 125: 701, 1977
- frontal ventricular dimensions on normal computed tomography (ab), Hahn, Francis J. Y.; Rim, Kwan, 123: 248, 1977
- hemorrhage in bilateral choroid plexus hemangiomas demonstrated by computed tomography: case report (ab), Towfighi, Javad; Bilaniuk, Larissa T.; Zimmerman, Robert A.; Langfitt, Thomas A.; Gonatas, Nicholas K., 123: 248, 1977
- high resolution computed tomography of orbit with Ohio nuclear delta head scanner (ab), Weinstein, Meredith A.; Berlin, Jr., Allison J.; Duchesneau, Paul M., 123: 830, 1977
- impact of computed tomography on utilization of cerebral angiograms (AJR), Larson, Eric B.; Omenn, Gilbert S.; Margolis, M. Theodore; Loop, John W., 129: 1, 1977
- intracranial arteriovenous malformations: observations after experience with computerized tomography (ab), Hayward, R. D., 125: 275, 1977
- intracranial cavernous angioma (AJR), Bartlett, John E.; Kishore, Pulla R. S., 128: 653, 1977
- intracranial infections: investigation by computerized axial tomography (ab), Claveria, L. E.; du Boulay, G. H.; Moseley, I. F., 124: 564, 1977
- management of cerebral edema in pediatric practice (ab), Batzdorf, Ulrich, 122: 271, 1977
- measurements of the normal ventricular system with computer tomography of the brain: preliminary study on 44 adults (ab), Gyldensted, C.; Kosteljanetz, M., 125: 847, 1977
- metastatic tumor presenting as intracerebral hemorrhage: report of 6 cases examined by computed tomography, Gildersleeve, Jr., Nathaniel; Koo, Andrew H.; McDonald, Cyril J., 124: 109, 1977
- metrizamide computed tomography cisternography: pediatric applications, Drayer, Burton P.; Rosenbaum, Arthur E.; Reigel, Donald B.; Bank, William O.; Deeb, Ziad L., 124: 349, 1977
- metrizamide in pediatric myelography, Barry, Jonathan F.; Harwood-Nash, Derek C.; Fitz, Charles R.; Byrd, Sharon E.; Boldt, David W., 124: 409, 1977
- nonspecificity of absorption coefficients in the differentiation of solid tumors and cystic lesions, Latchaw, Richard E.; Gold, Lawrence H. A.; Moore, Jr., James S.; Payne, J. Thomas, 125: 141, 1977
- normal computed tomogram (ab), Huckman, Michael S.; Grainer, Lorne S.; Clasen, Raymond C., 123: 534, 1977
- nuclide imaging and computed tomography in cerebral vascular disease (SNM), Chiu, Lee C.; Christie, James H.; Schapiro, Rolf L., 7: 175, 1977
- off-line image processing system for digital display in computed tomography, Larsen, Lawrence E.; Evans, Robert A., 123: 361, 1977
- optimal utilization of computerized cranial tomography and radionuclide brain imaging (ab), Alderson, Philip O.; Mikhael, Michael; Coleman, R. Edward; Gado, Mokhtar H., 123: 249, 1977
- periventricular spread of tumor demonstrated by computed tomography, McGeachie, Robert E.; Gold, Lawrence H. A.; Latchaw, Richard E., 125: 407, 1977
- posterior fossa: clinical comparison of radionuclide scanning and computed tomography (ab), Passalacqua, Anthony M.; Bardfield, Philip A.; Braunstein, Philip, 123: 546, 1977
- posterior fossa extraaxial cyst: diagnosis with metrizamide CT cisternography (AJR), Drayer, Burton P.; Rosenbaum, Arthur E.; Maroon, Joseph C.; Bank, William O.; Woodford, John E., 128: 431, 1977
- practical points in the diagnosis of intracranial tumors with computed tomography (CT) (ab), Elke, M.; Wiggli, U.; Hunig, R., 125: 846, 1977
- preceptor program in neuroradiology and CT head scanning (Dallas, Texas), 124: 738, 1977
- quantitative aspects of computed tomography of blood and cerebrospinal fluid, Norman, David; Price, David; Boyd, Douglas; Fishman, Robert; Newton, Thomas H., 123: 335, 1977
- quantitative study of the EMI values obtained for normal brain cerebral infarction and certain tumours (ab), Ambrose, James; Gooding, M. R.; Griver, J.; Richardson, A. E., 124: 269, 1977
- radiodiagnosis of intracranial pearly tumors with particular reference to the value of computer tomography (ab), Fawcett, R. A.; Isherwood, I., 124: 269, 1977
- radiological diagnosis of meningiomas, the impact of EMI scanning (ab), Claveria, L. E.; Sutton, D.; Tress, B. M., 124: 852, 1977
- radiology of cysticercosis of the central nervous system including computed tomography, Carbajal, Jesus Rodriguez; Palacios, Enrique; Azar-Kia, Behrooz; Churchill, Robert, 125: 127, 1977
- reliability of computed tomography: correlation with neuropathologic findings (AJR), Mori, Hirofumi; Lu, Chun H.; Chiu, Lee C.; Cancillia, Pasquale A.; Christie, James H., 128: 795, 1977
- ring blush associated with intracerebral hematoma, Zimmerman, Robert D.; Leeds, Norman E.; Naidich, Thomas P., 122: 707, 1977
- scattered radiation doses to infants and children during EMI head scans, Bhav, Dattatraya G.; Kelsey, Charles A.; Burstein, Jerome; Brogdon, Byron G., 124: 379, 1977
- scleral thickening: CT sign of orbital pseudotumor (AJR), Bernardino, Michael E.; Zimmerman, Robert D.; Citrin, Charles M.; Davis, David O., 129: 703, 1977
- serial computed tomography of primary brain tumors following surgery, irradiation, and chemotherapy, Marks, James E.; Gado, Mokhtar H., 125: 119, 1977



- some limitations of computed tomography in diagnosis of neurological diseases (ab), Davis, Kenneth R.; Taveras, Juan M.; Roberson, Glenn H.; Ackerman, Robert H., 123: 830, 1977
- statistical description of the normal computerized brain scan (AJR), Reese, David F.; O'Brien, Peter C.; Beeler, Jr., George W.; Gerding, Paul R.; Romme, Clifford R., 129: 457, 1977
- statistical profiles in computed tomography, Kramer, Richard A.; Yoshikawa, Bonnie M.; Scheibe, Paul O.; Janetos, George P., 125: 145, 1977
- subependymal germinal matrix and intraventricular hemorrhage in premature infants: diagnosis by CT (AJR), Burstein, Jerome; Papile, Luann; Burstein, Rochelle, 128: 971, 1977
- tentorium in axial section. II. lesion localization, Naidich, Thomas P.; Leeds, Norman E.; Kricheff, Irvin I.; Pudlowski, Rochelle M.; Naidich, James B.; Zimmerman, Robert D., 123: 639, 1977
- tentorium in axial section. I. normal CT appearance and non-neoplastic pathology, Naidich, Thomas P.; Leeds, Norman E.; Kricheff, Irvin I.; Pudlowski, Rochelle M.; Naidich, James B.; Zimmerman, Robert D., 123: 631, 1977
- thin-section computed tomography in the evaluation of third ventricular colloid cysts, Osborn, Anne G.; Wing, S. Douglas, 124: 257, 1977
- three-dimensional computerized tomographic scans of brain: new approach to intracranial diagnosis (ab), Rosenbaum, Herbert E., 125: 846, 1977
- trends in development of reconstruction tomography in neuroradiology (ab), Greitz, Torgny, 123: 830, 1977
- unilateral endocrine exophthalmos: diagnostic problems in association with computed tomography (ab), Brismar, J.; Davis, K. R.; Dallow, R. L.; Brismar, J., 124: 272, 1977
- use of computed axial tomography (CAT) for the diagnosis and management of intracranial angiomas (ab), Kendall, B. E.; Claveria, L. E., 124: 564, 1977
- utilization, reliability, and cost effectiveness of cranial computed tomography in evaluating pseudotumor cerebri (AJR), Evens, Ronald G.; Rujanavech, Naris; Mikhael, Michael A., 129: 263, 1977
- value of computerized tomography in the management of 1000 consecutive head injuries (ab), French, Barry N.; Dublin, Arthur B., 125: 564, 1977
- white and gray matter of the brain differentiated by computed tomography, Weinstein, Meredith A.; Duchesneau, Paul M.; MacIntyre, William J., 122: 699, 1977
- Computed tomography, display systems**  
off-line image processing system for digital display in computed tomography, Larsen, Lawrence E.; Evans, Robert A., 123: 361, 1977
- Computed tomography, dosimetry**  
comparison of computed tomography and conventional transverse axial tomography in radiotherapy treatment planning, Sternick, Edward S.; Lane, Frank W.; Curran, Bruce, 124: 835, 1977
- Computed tomography, economics**  
economic analysis of computed tomography units (ab), Evens, Ronald G.; Jost, R. Gilbert, 123: 830, 1977
- Computed tomography, experimental**  
capacity for computed tomography diagnosis of cerebral infarction: experimental study in the nonhuman primate, Drayer, Burton P.; Dujovny, Manuel; Boehnke, Manfred; Wolfson, Jr., Sidney K.; Barrionuevo, Pedro J.; Cook, Eugene E.; Rosenbaum, Arthur E., 125: 393, 1977
- cranial computed tomography in the baboon: normal anatomy, Drayer, Burton P.; Dujovny, Manuel; Wolfson, Jr., Sidney K.; Boehnke, Manfred; Cook, Eugene E.; Barrionuevo, Pedro J., 125: 403, 1977
- Computed tomography, image processing**  
picture processing in computed tomography (ab), Bergstrom, Mats; Sundman, Rober, 123: 829, 1977
- Computed tomography, image quality**  
picture quality of computed tomography (ab), Hounsfield, G. N., 123: 829, 1977
- Computed tomography, indications**  
computed tomography of the mediastinum: normal anatomy and indications for the use of CT, Goldwin, Richard L.; Heitzman, Robert; Proto, Anthony V., 124: 235, 1977
- ultrasonography and computed tomography in diagnosis of homogeneous masses, Yeh, Hsu-Chong; Wolf, Bernard S., 123: 425, 1977
- Computed tomography, mediastinal**  
neck and mediastinal angiography by computed tomography scan, Carter, Barbara L.; Ignatow, Stanley B., 122: 515, 1977
- Computed tomography, neck**  
neck and mediastinal angiography by computed tomography scan, Carter, Barbara L.; Ignatow, Stanley B., 122: 515, 1977
- role of computed tomography in the management of cancer of the larynx, Mancuso, Anthony A.; Hanafee, William N.; Juillard, Guy J. F.; Winter, James; Calcaterra, Thomas C., 124: 243, 1977
- Computed tomography, orbital**  
computerized tomography of the orbit using thin sections (SR), Hlal, Sadek K.; Trokel, Stephen L., 12: 137, 1977
- Computed tomography, pediatric**  
computed tomography in children: new diagnostic technique (ab), Harwood-Nash, Derek C.; Breckbill, David L., 123: 249, 1977
- computed tomography in infants and children: intracranial neoplasms (ab), Berger, Paul E.; Kirks, Donald R.; Gilday, David L.; Fitz, Charles R.; Harwood-Nash, Derek C., 123: 830, 1977
- computed tomography of abdominal mass lesions in children: initial experience, Boldt, David W.; Reilly, Bernard J., 124: 371, 1977
- computerized axial tomography in chronic seizure disorders of childhood (ab), Bachman, David S.; Hodges, III, Fred J.; Freeman, John M., 123: 819, 1977
- coronal computed tomography of the skull and brain in infants and children. part I: technique and results, Byrd, Sharon E.; Harwood-Nash, Derek C.; Barry, Jonathan F.; Fitz, Charles R.; Boldt, David W., 124: 705, 1977
- coronal computed tomography of the skull and brain in infants and children. part II: clinical value, Byrd, Sharon E.; Harwood-Nash, Derek C.; Barry, Jonathan F.; Fitz, Charles R.; Boldt, David W., 124: 710, 1977
- efficacy of simple sedation for pediatric computed tomography, Anderson, Robert E.; Osborn, Anne G., 124: 739, 1977
- metrizamide computed tomography cisternography: pediatric applications, Drayer, Burton P.; Rosenbaum, Arthur E.; Reigel, Donald B.; Bank, William O.; Deeb, Ziad L., 124: 349, 1977
- metrizamide in pediatric myelography, Barry, Jonathan F.; Harwood-Nash, Derek C.; Fitz, Charles R.; Byrd, Sharon E.; Boldt, David W., 124: 409, 1977
- scattered radiation doses to infants and children during EMI head scans, Bhavé, Dattatraya G.; Kelsey, Charles A.; Burstein, Jerome; Brogdon, Byron G., 124: 379, 1977
- subependymal germinal matrix and intraventricular hemorrhage in premature infants: diagnosis by CT (AJR), Burstein, Jerome; Papile, Luann; Burstein, Rochelle, 128: 971, 1977
- Computed tomography, physics**  
basic principles of computed axial tomography (SNM), Ter-Pogossian, Michel M., 7: 109, 1977
- computerized cranial tomography: equipment and physics (ab), Ter-Pogossian, Michel M., 123: 534, 1977
- correlating computed tomographic numbers with physical properties and operating kilovoltage, McDavid, William D.; Waggener, Robert G.; Sank, Victor J.; Dennis, Michael J.; Payne, William H., 123: 761, 1977
- factors affecting the use of quantitative information from a CT scanner, McCullough, Edwin C., 124: 99, 1977
- implications of computed tomography for inhomogeneity corrections in photon beam dose calculations, Sontag, Marc R.; Battista, J. J.; Bronskill, M. J.; Cunningham, J. R., 124: 143, 1977
- inaccuracy in computed tomography: energy dependence of CT values, Zatz, Leslie M.; Alvarez, Robert E., 124: 91, 1977
- physical, performance, and dosimetric characteristics of the d-scan 50 whole-body/brain scanner, Bassano, Daniel A.; Chamberlain, Charles C.; Mozley, James M.; Kieffer, Stephen A., 123: 455, 1977
- use of CT scanners in megavoltage photon-beam therapy planning, Geise, Richard A.; McCullough, Edwin C., 124: 133, 1977
- x-ray transmission computed tomography (ab), McCullough, Edwin C.; Payne, J. Thomas, 125: 859, 1977
- Computed tomography, radiation dose**  
dose reduction in computerized tomography (ab), Gordon, Richard, 123: 829, 1977
- Computed tomography, radiation exposure**  
scattered radiation doses to infants and children during EMI head scans, Bhavé, Dattatraya G.; Kelsey, Charles A.; Burstein, Jerome; Brogdon, Byron G., 124: 379, 1977
- Computed tomography, renal**  
computed tomography in the diagnosis of subcapsular and perirenal hematoma (AJR), Schaner, Everett G.; Balow, James E.; Doppman, John L., 129: 83, 1977
- computed tomography of the kidney, Sagel, Stuart S.; Stanley, Robert J.; Levitt, Robert G.; Geisse, Trokelmo, 124: 359, 1977
- Computed tomography, spinal**  
cerebrospinal fluid imaging using serial metrizamide CT cisternography (ab), Drayer, Burton P.; Rosenbaum, Arthur E.; Higman, H. B., 124: 858, 1977
- cerebrospinal fluid rhinorrhea demonstrated by metrizamide CT cisternography (AJR), Drayer, Burton P.; Wilkins, Robert H.; Boehnke, Manfred; Horton, Joseph A.; Rosenbaum, Arthur E., 129: 149, 1977
- computed tomography in the diagnosis of an atlas fracture (AJR), Kershner, Marilyn S.; Goodman, Gerald A.; Perlmutter, Gordon S., 128: 688, 1977
- computed tomography of spinal cord arteriovenous malformations, Di Chiro, Giovanni; Doppman, John L.; Wener, Louis, 123: 351, 1977
- computed tomography of the lower lumbar vertebral column: normal anatomy and the stenotic canal, Sheldon, Jerome J.; Sersland, Tom; Leborgne, Juan, 124: 113, 1977
- metrizamide in pediatric myelography, Barry, Jonathan F.; Harwood-Nash, Derek C.; Fitz, Charles R.; Byrd, Sharon E.; Boldt, David W., 124: 409, 1977
- Computed tomography, technique**  
computerized axial tomography of the head (ab), Danziger, J.; Bloch, S.; Podlas, Hilda, 124: 852, 1977
- computerized tomography in the diagnosis of sellar and parasellar lesions (SR), Leeds, Norman E.; Naidich, Thomas P., 12: 121, 1977
- computer subtraction in regional cerebral blood-volume measurements using the EMI-scanner (ab), Zikha, E.; Ladurner, G.; Iliff, Linnette D.; Du Boulay, G. H.; Marshall, J., 122: 559, 1977
- coronal computed tomography of the skull and brain in infants and children. part I: technique and results, Byrd, Sharon E.; Harwood-Nash, Derek C.; Barry, Jonathan F.; Fitz, Charles R.; Boldt, David W., 124: 705, 1977
- CSF enhancement for computerized tomography (ab), Roberson, Glenn H.; Brismar, Jan; Weiss, Alfred; Davis, Kenneth R.; Taveras, Juan M.; New, Paul F. J.; Ackerman, Robert H.; Glenn, William V., 123: 248, 1977
- delineation of lesions of the base of the skull by computed tomography, Nakagawa, Hiroshi; Wolf, Bernard S., 124: 75, 1977
- determination of bone mineral content using CT scanning (AJR), Reich, Norbert E.; Seidelmann, Frank E.; Tubbs, Raymond R.; MacIntyre, William J.; Meaney, Thomas F.; Alfidi, Ralph J.; Pepe, Richard G., 127: 593, 1976
- efficacy of simple sedation for pediatric computed tomography, Anderson, Robert E.; Osborn, Anne G., 124: 739, 1977
- factors affecting the use of quantitative information from a CT scanner, McCullough, Edwin C., 124: 99, 1977
- frontal and lateral views of the brain reconstructed from EMI axial slices, Schultz, Raymond A.; Joseph, Peter M.; Hlal, Sadek K., 125: 701, 1977
- new dimensions in computed tomography, Jelden, Gwynn L.; Sufka, Bruno; Arnold, Jeff; Rodriguez-Antunez, Antonio; Doering, Edmond; Lavik, Paul S.; Turnbull, Rupert, 123: 213, 1977
- stereotaxic computed tomography (ab), Bergstrom, Mats; Greitz, Torgny, 123: 830, 1977
- stop-action cardiac computed tomography, Harell, George S.; Guthaner, Diana F.; Breiman, Richard S.; Morehouse, Charles C.; Seppi, Edward J.; Marshall, Jr., William H.; Wexler, Lewis, 123: 515, 1977
- thin-section computed tomography in the evaluation of third ventricular colloid cysts,

- Osborn, Anne G.; Wing, S. Douglas, 124: 257, 1977
- Computed tomography, thoracic**  
body computed tomography: clinically important and efficacious radiologic procedure (opin), Evens, Ronald G.; Alfidi, Ralph J.; Haaga, John R.; Hartman, Glen W.; Hattery, Robert R.; Kazam, Elias; Korobkin, Melvyn; Margulis, Alexander R.; Meaney, Thomas F., 123: 239, 1977  
body computed tomography: clinically important and efficacious radiologic procedure (opin), Sagel, Stuart S.; Sheedy, II, Patrick F.; Stanley, Robert J.; Stephens, David H.; Whalen, Joseph P., 123: 0239, 1977  
computed body tomography (RCNA), Alfidi, Ralph J.; Haaga, John R., 14: 563, 1976  
computed tomographic evaluation of aortic aneurysms (ab), Axelbaum, Stewart P.; Schellinger, Dieter; Gomes, Mario N.; Ferris, Robert A.; Hakkal, Halappa G., 123: 829, 1977  
computed tomography of body: early trends in application and accuracy of method (ab), Stanley, Robert J.; Sagel, Stuart S.; Levitt, Robert G., 123: 829, 1977  
computed tomography of body: initial clinical trial with EMI prototype (ab), Sheedy, II, Patrick F.; Stephens, David H.; Hattery, Robert R.; Muhm, John R.; Hartman, Glen W., 123: 829, 1977  
computed tomography of the mediastinum: normal anatomy and indications for the use of CT, Goldwin, Richard L.; Heitzman, Robert; Proto, Anthony V., 124: 235, 1977  
computer-assisted method to determine the diagnostic efficacy of computed tomography of the body, Levitt, Robert G.; Jost, R.; Gilbert, Trachtman, Jack; Sagel, Stuart S.; Stanley, Robert J., 123: 97, 1977  
computer tomography in evaluation of pulmonary asbestosis: preliminary experiences with the EMI general purpose scanner (ab), Kree, Louis, 123: 535, 1977  
detection of pulmonary nodules by computed tomography (AJR), Muhm, John R.; Brown, Larry R.; Crowe, John K., 128: 267, 1977  
new dimensions in computed tomography, Jelden, Gwynn L.; Sufka, Bruno; Arnold, Jeff; Rodriguez-Antunez, Antonio; Doering, Edmond; Lavik, Paul S.; Turnbull, Rupert, 123: 213, 1977
- Computed tomography, thyroid**  
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- Computers**  
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accuracy of radiological and computer diagnoses in small bowel examinations in children (ab), Jeans, W. D.; Morris, Audrey F., 123: 540, 1977  
automated diagnosis of congenital dislocation of the hip, Endo, Masahiro; Inuma, Takeshi A.; Umegaki, Yoichi; Tatenio, Yukio; Tanaka, Hitoshi; Tsuchiya, Keiichi, 122: 25, 1977  
automated radiology information system, Katz, Aaron; Budkin, Alberto; Shupler, Rita, 124: 699, 1977  
computer-aided medical decision making in radiotherapy, Conklin, Jeffrey; Munzenrider, John; Neurath, Peter W.; Ross, Winifred M., 123: 441, 1977  
computer-assisted method to determine the diagnostic efficacy of computed tomography of the body, Levitt, Robert G.; Jost, R.; Gilbert, Trachtman, Jack; Sagel, Stuart S.; Stanley, Robert J., 123: 97, 1977  
computer-assisted radiology reporting: quality of reports, Simborg, Donald W.; Krajci, Edwin J.; Wheeler, Paul S.; Gitlin, Joseph N.; Goldstein, Neil S., 125: 587, 1977  
computerized radiographic reporting in a community hospital: consumer's report (AJR), Seltzer, Ronald A.; Reimer, George W.; Cooperman, Lawrence R.; Rossiter, Stanford B., 128: 825, 1977  
improved computer model for <sup>60</sup>Co dose distributions, White, R. Allen; Thames, Jr., Howard D., 124: 840, 1977  
modular computer system for the nuclear medicine/ultrasound laboratory, Noz, Marilyn E.; Schimpf, James H.; Maguire, Jr., Gerald Q., 124: 759, 1977  
Monte Carlo computer model to investigate patient scheduling, Steidley, K. David; Vanlosh, Sidney, 122: 359, 1977  
results of computer-aided diagnosis of peripheral bronchial carcinoma, Rotte, K. H.; Meiske, W., 125: 583, 1977  
roentgen-tele-data: radiodiagnostic recording system, Madsen, Bent; Mehl, Jorgen, 123: 627, 1977  
toward automation of echocardiography, Chu, Wei-Kom; Chandraratna, P. A. N.; Raeside, David E.; Brown, Ross E.; Poehlman, Harold, 123: 795, 1977  
use of a generalized modular data handling system in nuclear medicine, Holden, James E.; Nickles, R. J.; Kiuru, Aaro; Polcyn, Robert E., 122: 411, 1977
- Connective tissue**  
macroducty, hemihypertrophy, and connective tissue nevi: report of a new syndrome and review of the literature (ab), Temtamy, Samia A.; Rogers, John G., 124: 576, 1977  
mixed connective tissue disease: spectrum of radiographic manifestations, Udoff, Eric J.; Genant, Harry K.; Kozin, Franklin; Ginsberg, Mark, 124: 613, 1977  
treatment of connective tissue sarcomas by local excision followed by radioactive implant (ab), Collins, J. E.; Paine, C. H.; Ellis, F., 122: 572, 1977
- Conn's syndrome**  
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- Contraceptives and contraceptive devices**  
myocardial infarction in younger women: associated clinical features and relationship to use of oral contraceptive drugs (ab), Arthes, Federico G.; Masi, Alfonso T., 123: 251, 1977
- Contrast media**  
metrizamide cisternography with hypocycolidal tomography: preliminary results (AJR), Roberson, Glenn H.; Brismar, Jan; Davis, Kenneth R.; Taveras, Juan M.; Weiss, Alfred, 127: 965, 1976
- Contrast media, comparative studies**  
arachnoiditis following myelography with water-soluble agents: role of contrast medium osmolality, Houghton, Victor M.; Ho, Khang-Cheng; Unger, George F., 125: 731, 1977  
clinical comparison of three contrast agents used in cerebral angiography (ab), Benton, John R.; Wilson, Gabriel H., 123: 820, 1977  
contrast media with and without calcium for cardioangiography in children (ab), Tay, D. J.; Levin, Aaron R.; Schubert, E.; Baltaxe, Harold A., 123: 537, 1977  
double-blind comparison of iodipamide and iodoxamate using direct and drip infusion intravenous cholangiography (AJR), Moss, Albert A., 128: 931, 1977  
double-blind comparison of meglumine iodoxamate (Cholovue) and meglumine iodipamide (Cholangraf) (ab), Robbins, Alan H.; Sargent, E. Nicholas; Vincent, Miriam E.; Boswell, William; Meyers, Harvey L., 123: 538, 1977  
double-blind comparison of meglumine iodamide and Renografin-60 for excretory urography (AJR), Gerzof, Stephen G.; Robbins, Alan H.; Unger, George; Zaki, Atef; Wickis, Elizabeth A., 128: 211, 1977  
effect of isotonic contrast agents on spinal reflexes in the cat, Hilal, Sadek K.; Dauth, George W.; Burger, Loren C.; Gilman, Sid, 122: 149, 1977  
effects of contrast media on the conducting system of the heart: mechanism of action and identification of toxic component, Higgins, Charles B., 124: 599, 1977  
iotroxamide—new intravenous cholangiographic agent: comparison with iodipamide and the effect of bile salts, Loeb, Peter M.; Barnhart, James L.; Berk, Robert N., 125: 323, 1977  
perfluorocetyl bromide as a diagnostic contrast medium in gastroenterography, Liu, Mai-Shian; Long, David M., 122: 71, 1977
- Contrast media, complications**  
angioneurotic edema following ingestion of iocetamic acid, Zeit, Robert M., 123: 590, 1977
- Contrast media, effects**  
arachnoiditis following myelography with water-soluble agents: role of contrast medium osmolality, Houghton, Victor M.; Ho, Khang-Cheng; Unger, George F., 125: 731, 1977  
bilateral parotid enlargement ("iodide mumps") following excretory urography, Kohri, Kenjiro; Miyoshi, Susumu; Nagahara, Atsushi; Ohtani, Michio, 122: 654, 1977  
diatrizoate absorption from enemas in newborn puppies, Katzberg, Richard W.; Wood, Beverly F., 123: 333, 1977  
effect of radiation and contrast media on chromosomes: preliminary report, Adams, Forrest H.; Norman, Amos; Mello, Renato S.; Bass, Doris, 124: 823, 1977  
effects of contrast media on the conducting system of the heart: mechanism of action and identification of toxic component, Higgins, Charles B., 124: 599, 1977  
inadvertent intrasplenic injection of oily propylidone (AJR), Braunstein, Ethan, 129: 152, 1977  
influence of cholograf and renografin 76 on platelet function, Shapiro, Gabriel A.; Loeb, Peter M.; Berk, Robert N.; Mantou, Janet; Ellzey, Barbara; Reynolds, David, 124: 641, 1977  
informed consent: dialogue (opin), Quimby, Jr., Charles W., 123: 805, 1977  
informed consent: medical decision (II) (opin), Allen, Robert W., 123: 807, 1977  
leg phlebography: incidence, nature and modification of undesirable side effects, Bettmann, Michael A.; Paulin, Sven, 122: 101, 1977  
metrizamide—CSF contrast medium: analysis of clinical application in 215 patients, Sackett, Joseph F.; Strother, Charles M.; Quagliari, Charles E.; Javid, Manucher J.; Levin, Allan B.; Duff, Thomas A., 123: 0779, 1977  
redistribution of renal blood flow caused by contrast media, Tadavarthy, S. Juthry; Castaneda-Zuniga, W. R.; Amplatz, Kurt, 122: 343, 1977  
resorption of contrast material from the bladder during cystourethrography causing an excretory urogram, Currarino, Guido; Weinberg, Arthur; Putnam, Robert, 123: 149, 1977
- Contrast media, toxicity**  
adverse effects of lumbar myelography with amipaque and dimer-x (ab), Irtam, Lars; Seldén, Ulla, 122: 566, 1977  
benign transient eosinophilia following intravenous urography (ab), Vincent, Miriam E.; Gerzof, Stephen G.; Robbins, Alan H., 125: 572, 1977  
effect of isotonic contrast agents on spinal reflexes in the cat, Hilal, Sadek K.; Dauth, George W.; Burger, Loren C.; Gilman, Sid, 122: 149, 1977  
leg phlebography: incidence, nature and modification of undesirable side effects, Bettmann, Michael A.; Paulin, Sven, 122: 101, 1977  
skin necrosis following extravasation during peripheral phlebography, Spigos, D. G.; Thane, T. T.; Capek, V., 123: 605, 1977  
steroids: theoretical and experimental basis for utilization in prevention of contrast media reactions, Lasser, Elliot C.; Lang, Joseph H.; Sovak, Milos; Kolb, William; Lyon, Sandra; Hamlin, A. Elizabeth, 125: 1, 1977  
thyroid storm after cardiac angiography with iodinated contrast medium: occurrence in a patient with a previously euthyroid autonomous nodule of the thyroid (ab), Blum, Manfred; Kranjac, Thomas; Park, Constance M.; Engleman, Richard M., 122: 560, 1977  
toxicity of metrizamide (L), Salvesen, Sigbjorn; Sovak, Milos; Lang, Joseph H.; Rosen, Lowell, 123: 241, 1977
- Cornelia de Lange syndrome**  
See Bones, primary disturbances of growth
- Coronary angiography**  
coronary arteriography: uncommon observations (ab), Moretton, Luis B., 122: 284, 1977  
coronary heart disease: clinical, angiographic, and pathologic profiles (bk rev), Vlodaver, Zeev; Amplatz, Kurt; Burchell, Howard B.; Edwards, Jesse E., Reviewed by Byrne, Richard J., 125: 316, 1977  
European Society of Cardio-Vascular Radiology: 2nd congress (Uppsala, Sweden), 122: 100, 1977  
incidence of congenital anomalies of the coronary arteries in the adult population, Baltaxe, Harold A.; Wixson, David, 122: 47, 1977  
participation by radiologists in coronary angiography, Levin, David C.; Abrams, Herbert L., 125: 543, 1977  
Role of the radiologist in coronary angiography, Levin, David C.; Adams, Douglas F.; Abrams, Herbert L., 125: 313, 1977
- Coronary angiography, apparatus and equipment**  
modification of the Philips cradle for visualization of the left main coronary artery and proximal left anterior descending branch, Shulman, Harry S.; Saibil, Eric A.; Shane, Samuel J., 123: 225, 1977  
use of air wedge in hemiaxial views of the proximal left coronary artery, Dennish, G.

- W.; Vieweg, W. V. R.; Willis, R. K.; Wynne, T. R.; Alpert, J. S.; Johnson, Allen D.; Hagan, A. D., 123: 225, 1977
- Coronary angiography, complications**  
coronary artery spasm after injection of ergonovine maleate in man: angiographic demonstration (ab), DiGuglielmo, L.; Montemartini, C.; Bobba, P.; Specchia, G.; Angoli, L.; Deservi, S.; Mussini, A.; Marinoni, G. P., 124: 568, 1977
- thyroid storm after cardiac angiography with iodinated contrast medium: occurrence in a patient with a previously euthyroid autonomous nodule of the thyroid (ab), Blum, Manfred; Kranjac, Thomas; Park, Constance M.; Engleman, Richard M., 122: 560, 1977
- Coronary angiography, contrast media**  
amipaque: new contrast medium in coronary angiography: report of a double-blind study in man, Enge, Ivar; Nitter-Hauge, S.; Andrew, E.; Levorstad, K., 125: 317, 1977
- Coronary angiography, indications**  
primary arteritis in Takayasu's disease: case studied by selective coronary arteriography (AJR), Pasternac, Andre; Lesperance, Jacques; Grondin, Pierre; Cantin, Marc, 128: 488, 1977
- Wilms' tumor: role of right heart angiography in the management of selected cases (ab), Schullinger, John N.; Santulli, Thomas V.; Casarella, William J.; MacMillan, Roger W., 125: 571, 1977
- Coronary arteries, abnormalities**  
multiple fistulas between the coronary arteries and the left ventricle, Herschman, Alan; Natarajan, Narayanan; Reddy, Kuchela, 122: 302, 1977
- Coronary arteries, diseases**  
M-mode echocardiography in evaluating left ventricular function and surgical risk in patients with coronary artery disease (ab), Corya, Betty C.; Rasmussen, Susan; Knoebel, Suzanne B.; Feigenbaum, Harvey, 125: 859, 1977
- Coronary arteries, surgery**  
left internal mammary artery-coronary artery bypass anatomy (AJR), Kittredge, Richard D.; Kemp, Jr., Harvey G., 128: 395, 1977
- Coronary vessels**  
coronary artery spasm after injection of ergonovine maleate in man: angiographic demonstration (ab), DiGuglielmo, L.; Montemartini, C.; Bobba, P.; Specchia, G.; Angoli, L.; Deservi, S.; Mussini, A.; Marinoni, G. P., 124: 568, 1977
- heart and coronary arteries, anatomical atlas for clinical diagnosis, radiological investigation and surgical treatment (bk rev), McAlpine, Wallace A. Reviewed by Torbey, Peter J., 122: 116, 1977
- radiographic anatomy of the coronary arteries, atlas (bk rev), Soto, Benigno; Russell, Jr., Richard O.; Moraski, Roger E. Reviewed by Baltaxe, Harold A., 125: 688, 1977
- Coronary vessels, abnormalities**  
coronary artery fistula seen as a mediastinal mass, Castaneda-Zuniga, W. R.; Amplatz, Kurt, 123: 568, 1977
- incidence of congenital anomalies of the coronary arteries in the adult population, Baltaxe, Harold A.; Wixson, David, 122: 47, 1977
- single coronary artery from the right sinus of Valsalva: angiography, anatomy, and clinical significance (AJR), Kelley, Michael J.; Wolfson, Steven; Marshall, Robert, 128: 257, 1977
- Coronary vessels, anatomy**  
single coronary artery from the right sinus of Valsalva: angiography, anatomy, and clinical significance (AJR), Kelley, Michael J.; Wolfson, Steven; Marshall, Robert, 128: 257, 1977
- Coronary vessels, diseases**  
particulate myocardial perfusion scintigraphy: clinical usefulness in evaluation of coronary artery disease (ab), Kirk, Gerald A.; Adams, Ralph; Jansen, Carl; Judkins, Melvin P., 123: 834, 1977
- systolic thickening and thinning of septum and posterior wall in patients with coronary artery disease, congestive cardiomyopathy, and atrial septal defect (ab), Corya, Betty C.; Rasmussen, Susan; Feigenbaum, Harvey; Knoebel, Suzanne B.; Black, Mary Jo, 123: 832, 1977
- Coronary vessels, flow dynamics**  
regional distribution of coronary blood flow during left ventriculography in anesthetized dogs, Shaw, David D.; Wolf, Gerald L.; Baltaxe, Harold A.; Kraft, Linda J.; Kilzer, Karen L., 123: 773, 1977
- Coronary vessels, ultrasound studies**  
interventricular septal motion in patients with proximal and distal anterior descending coronary artery lesions (ab), Gordon, Michael J.; Kerber, Richard E., 124: 282, 1977
- Corpus callosum**  
lipoma of the corpus callosum (ab), Walle, D., 125: 848, 1977
- Cor triatriatum**  
diagnosis of cor triatriatum by echocardiography, Kelley, Michael J.; Glanz, Sidney; Hellenbrand, William E.; Taunt, Kathleen A.; Berman, Michael A., 123: 159, 1977
- echocardiographic features of congenital left ventricular inflow obstruction (ab), LaCorte, Michael; Harada, Kensuke; Williams, Roberta G., 123: 542, 1977
- Corynebacterium parvum**  
combined radiotherapy and *Corynebacterium parvum* treatment of a murine fibrosarcoma, Collins, Amy L. Tsui; Song, Chang Won, 125: 235, 1977
- Cowan, Leland Robert**  
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- Craniopharyngioma**  
radiation therapy of craniopharyngioma, Onoyama, Yasuto; Yabumoto, Eizo; Takeuchi, Juji, 125: 799, 1977
- symptomatic Rathke's cleft cyst: case report (ab), Eisenberg, Howard M.; Sarwar, Mohammad; Schochet, Sydney, 124: 272, 1977
- Craniostenosis**  
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- Crohn's disease**  
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- Cryptococcosis**  
disseminated cryptococcosis: diagnosis by fiberoptic bronchoscopy and biopsy (ab), Sakowitz, Arthur J.; Sakowitz, Barry H., 124: 274, 1977
- Cuatico needle**  
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- Cushing's syndrome**  
non-tumorous adrenal hyperfunction: problems in angiographic-clinical correlation, Mitty, Harold A.; Gabrilove, J. L.; Nicolis, Giorgio L., 122: 89, 1977
- Cysticercosis**  
radiology of cysticercosis of the central nervous system including computed tomography, Carbalaj, Jesus Rodriguez; Palacios, Enrique; Azar-Kia, Behrooz; Churchill, Robert, 125: 127, 1977
- Cystic fibrosis**  
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See under organs and regions, as Intestines; Liver; Mediastinum, etc.
- Dacryocystography**  
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- Deafness**  
first branchial cleft syndromes and associated congenital hearing loss (ab), Cavo, Jr., John W.; Pratt, Lindsay L.; Alonso, William A., 122: 272, 1977
- Paget's disease and sensori-neural deafness: temporal bone histopathology of Paget's disease (ab), Lindsay, John R.; Suga, Fumiro, 125: 850, 1977
- sudden deafness of vascular origin: human temporal bone study (ab), Gussen, Ruth, 122: 273, 1977
- Deglutition disorders**  
complete esophageal obstruction from cricopharyngeal achalasia, Bergman, Alan B.; Lewicki, Ann M., 123: 289, 1977
- otolaryngological manifestations of arthrogryposis multiplex congenita (ab), Cohen, Seymour R.; Isaacs, Jr., Hart, 124: 857, 1977
- Dementia**  
correlation between diffuse EEG abnormalities and cerebral atrophy in senile dementia (ab), Stefokis, Susan; Bergen, Donna; Fox, Jacob H.; Morrell, Frank; Huckman, Michael S.; Ramsey, Ruth G., 124: 853, 1977
- Depth resolution**  
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- Dermatophytosis**  
occult malignant tumors in dermatologic disease: futility of radiological search, Moss, Albert A.; Hanelin, Laurence G., 123: 69, 1977
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- Desmoid**  
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- Diabetes mellitus**  
maternal diabetes mellitus and congenital malformation: survey of 205 cases (ab), Day, Ruth E.; Insley, J., 125: 285, 1977
- neonatal small left colon syndrome: its relationship to aganglionosis and meconium plug syndrome, Berdon, Walter E.; Slovica, Thomas L.; Campbell, John B.; Baker, David H.; Haller, Jack O., 125: 457, 1977
- Diagnostic radiology**  
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- abdominal radiology 1977 (Mexico City), 122: 64, 1977
- AFIP seminars in diagnostic radiology (Washington, D.C.), 125: 636, 1977
- Aspen radiology conference (8th) (Aspen, Colo.), 125: 590, 1977
- Big Sky radiology conference (Big Sky, Mont.), 125: 590, 1977
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- Monte Carlo computer model to investigate patient scheduling, Steidley, K. David; Vanlob, Sidney, 122: 359, 1977
- New Orleans Radiology Society spring roentgen conference (6th) (New Orleans, La.), 125: 590, 1977
- non-invasive diagnostic techniques in vascular disease (4th) (San Diego, Calif.), 122: 462, 1977
- nontraumatic para-aortic lymphocele complicating nephrolithiasis, 124: 666, 1977
- oral roentgenographic diagnosis, 4th ed. (bk rev), Stafne, Edward C.; Gibilisco, Joseph A., eds., Reviewed by Etter, Lewis E., 122: 314, 1977
- postgraduate course in diagnostic radiology (21st) (San Francisco, Calif.), 124: 636, 1977
- postgraduate course in gastrointestinal radiology (New York City), 122: 64, 1977
- postgraduate course on chest disease (Boston, Mass.), 124: 296, 1977
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- radiology of the pancreas, liver, and biliary tract (Seattle, Wash.), 125: 622, 1977
- radiology symposium (5th) (Los Angeles, Calif.), 124: 46, 1977
- reconstruction tomography in diagnostic radiology and nuclear medicine (bk rev), Ter-Pogossian, Michel M.; Phelps, Michael E.; Brownell, Gordon L.; Cox, Jr., Jerome R.; Davis, David O.; Evans, Ronald G., Reviewed by McCullough, Edwin C., 125: 716, 1977
- refresher course in diagnostic roentgenology (19th) (Cincinnati, Ohio), 122: 310, 1977
- seminar in emergency medicine (Phoenix, Ariz.), 122: 294, 1977
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- special imaging in radiology (Minneapolis, Minn.), 124: 394, 1977
- symposium on general diagnostic radiology (Boston, Mass.), 124: 42, 1977
- symposium on polytomography of the temporal bone (Indianapolis, Ind.), 124: 312, 1977
- value of consultation among radiologists (AJR), Hillman, Bruce J.; Swenson, Richard G.; Hessel, Samuel J.; Gerson, Donald E.; Herman, Peter G., 127: 807, 1976
- Diagnostic radiology, apparatus and equipment**
- application of longitudinal magnification effect to magnification stereoscopic angiography: new method of cerebral angiography, Doi, Kunio; Rossmann, Kurt; Duda, Eugene E., 124: 395, 1977
- solid state radiographic image converters: medical applications, Szepesi, Zoltan; Davies, David H., 122: 817, 1977
- Diagnostic radiology, facilities**
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- Diagnostic radiology, observer performance**
- effect of fatigue on resident performance, Christensen, Edward E.; Dietz, Gerald W.; Murry, Robert C.; Moore, John G., 125: 103, 1977
- Diagnostic radiology, protective and therapeutic agents and devices**
- eye lens protection for radiological personnel, Bergstrom, Kjell; Jorulf, Hakan; Lofroth, Per-Olov, 124: 839, 1977
- Diagnostic radiology, quality assurance**
- diagnostic radiology quality assurance catalog, 122: 618, 1977
- Diagnostic radiology, radiation dose**
- comparison of fluoroscopically controlled patient positioning and conventional positioning, including comparative dosimetry, Leeming, Brian W. A.; Hames, Owen S.; Gould, Robert G.; Locke, Elizabeth, 124: 231, 1977
- dose reduction in xeroradiography of the breast (AJR), Van de Riet, William G.; Wolfe, John N., 128: 821, 1977
- effect of radiation and contrast media on chromosomes: preliminary report, Adams, Forrest H.; Norman, Amos; Mello, Renato S.; Bass, Doris, 124: 823, 1977
- exposures to patient and personnel in computed axial tomography, Shrivastava, Prakash N.; Lynn, Susan L.; Ting, Joseph Y., 125: 411, 1977
- eye lens protection for radiological personnel, Bergstrom, Kjell; Jorulf, Hakan; Lofroth, Per-Olov, 124: 839, 1977
- irradiation to thyroid gland at cardiac catheterization and angiocardiology in children (ab), Gustafsson, Monica; Mortenson, W., 123: 541, 1977
- radiation exposure in radiographic examinations of the newborn, Wesenberg, Richard L.; Rossi, Raymond P.; Hendee, William R., 122: 499, 1977
- Diagnostic radiology, radiation hazard**
- breast cancer controversy: natural experiment (ab), Black, Maurice M.; Leis, Jr., Henry P.; Kwon, C. Stephen, 125: 276, 1977
- detection of breast cancer in young women (ab), Lesnick, Gerson J., 125: 277, 1977
- mammography—time for caution (ab), Bailar, III, John C., 125: 277, 1977
- radiation risks with diagnostic x rays, Gregg, Earle C., 123: 447, 1977
- risks of mammograms (ab), Swartz, Harold M.; Reichling, Barbara A., 125: 276, 1977
- scattered radiation doses to infants and children during EMI head scans, Bhavne, Dattatraya G.; Kelsey, Charles A.; Burstein, Jerome; Brogdon, Byron G., 124: 379, 1977
- Dialysis**
- autonomous hyperparathyroidism in patients on maintenance home dialysis (AJR), Lehman, Craig A.; Schreiber, Melvyn H., 127: 377, 1976
- Diaphragm**
- phreno-celiac disease (ab), Warter, J.; Storck, D.; Kieny, R.; Tongio, J., 123: 538, 1977
- pneumopericardium due to transdiaphragmatic perforation of gastric ulcer (ab), Ghahremani, Gary G.; Yaghmai, Issa; Brooks, James W.; Hutton, C. Frederick, 123: 539, 1977
- Diaphragm, abnormalities**
- congenital eventration of the septum transversum: rare form of congenital diaphragmatic anomaly (ab), Poole, Catherine A.; Rowe, M. I.; Fojaco, R. M.; Wexler, Howard A., 123: 256, 1977
- neonatal diaphragmatic dysfunction (AJR), Wexler, Howard A.; Poole, Catherine A., 127: 617, 1976
- Diaphragm, ultrasound**
- ultrasonic differentiation of right pleural effusion from subphrenic fluid on longitudinal scans of the right upper quadrant: importance of recognizing the diaphragm, Landay, Michael; Harless, William, 123: 155, 1977
- ultrasonographic evaluation of juxtadiaphragmatic masses in children, Kangaroo, Hooshang; Sukov, Richard; Sample, W. Frederick; Lipson, Mark; Smith, Lorraine E., 125: 785, 1977
- Diarrhea**
- serum magnesium and irradiation, Allegra, Joseph C.; Stryker, John A.; Abt, Arthur; Mortel, Rodrigue, 124: 217, 1977
- Diastematomyelia**
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- Dimercaptosuccinic acid**
- increased activity in a renal cell carcinoma imaged using 2,3-dimercaptosuccinic acid (ab), Pion, Sidney J.; Staab, Edward V.; Stevens, Peter S., 122: 866, 1977
- Dinitrogen tetroxide**
- rocket propellant inhalation in the Apollo-Soyuz astronauts, DeJournette, Richard L., 125: 21, 1977
- Diphosphonate**
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- Display systems**
- modular computer system for the nuclear medicine/ultrasound laboratory, Noz, Marilyn E.; Schimpf, James H.; Maguire, Jr., Gerald Q., 124: 759, 1977
- Diverticulitis**
- See Intestines, diverticula
- Dosimetry**
- comprehensive study of LiF TL response to high energy photons and electrons, Bagne, Farideh, 123: 753, 1977
- improved computer model for <sup>60</sup>Co dose distributions, White, R. Allen; Thames, Jr., Howard D., 124: 840, 1977
- influence of bone on 45 MV photon dose distributions, McLaren, John R.; Kirchner, Arthur B.; McGinley, Patton H., 125: 817, 1977
- International Atomic Energy Agency on national and international standardization of radiation dosimetry (Atlanta, Ga.), 123: 454, 1977
- Dosimetry, therapeutic**
- comparative study of superficial whole-body radiotherapeutic techniques using a 4-MeV nonangulated electron beam, Tetenes, Photios J.; Goodwin, Paul N., 122: 219, 1977
- comparison of fluoroscopically controlled patient positioning and conventional positioning, including comparative dosimetry, Leeming, Brian W. A.; Hames, Owen S.; Gould, Robert G.; Locke, Elizabeth, 124: 231, 1977
- en-bloc irradiation of tumours of the head and neck and their lymphatics: I. technique and dosimetry (ab), Landberg, Trosten; Svahn-Tapper, Gudrun, 123: 543, 1977
- field separation in radiation therapy with opposing fields, Bianciardi, Luciano; Breschi, Roberta; Chiaradia, Pietro; Josi, Alessandra; Villa, Paolo, 122: 493, 1977
- implications of computed tomography for inhomogeneity corrections in photon beam dose calculations, Sontag, Marc R.; Battista, J. J.; Bronskill, M. J.; Cunningham, J. R., 124: 143, 1977
- method for localizing and calculating vaginal dose in brachytherapy, Maruyama, Yosh; Van Nagell, John R.; Martin, Ann; Coffey, II, Charles; Schroeder, Kathy; Tai, Douglas; Yoneda, Justine; Krolikiewicz, Helena, 124: 507, 1977
- physical aspects of electron-beam are therapy, Khan, Faiz M.; Fullerton, Gary D.; Lee, Joseph M.-F.; Moore, Vaughan C.; Levitt, Seymour H., 124: 497, 1977
- single port technique of mantle field treatment in Hodgkin's disease using very high energy x-ray beams, Bhatnagar, Jagdish P.; Feldman, Merrill L., 123: 798, 1977
- utilization of a high energy photon beam for whole body irradiation, Agat, Helene; VanDyk, Jake; Leung, Philip M. K., 123: 747, 1977
- Doughnut sign**
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- Drowning**
- near-drowning in children: clinical aspects (ab), Fandel, Ivar; Bancalari, Eduardo, 123: 822, 1977
- Drugs**
- See also under specific drugs
- balloon obturator bowel obstruction: hazard of drug smuggling (AJR), Freed, T. A.; Sweet, Larry N.; Gauder, Peter J., 127: 1033, 1976
- congenital malformations in four siblings of a mother taking anticonvulsant drugs (ab), Goodman, Richard M.; Katznelson, Mariassa Bat-Miriam; Hertz, Marjorie; Katznelson, Daniel; Rotem, Yaacov, 123: 256, 1977
- Ductus arteriosus**
- ductus arteriosus dilatation by prostaglandin E<sub>1</sub> in infants with pulmonary atresia (ab), Heymann, Michael A.; Rudolph, Abraham M., 125: 279, 1977
- echocardiography of premature infants with pulmonary disease: noninvasive method for detecting large ductal left-to-right shunts, Laird, W. Pennock; Fixler, David E., 122: 455, 1977
- interrupted aortic arch in infancy (ab), Collins-Nakai, Ruth L.; Dick, Macdonald; Parisi-Buckley, Lucy; Fyler, Donald C.; Castaneda, Aldo, 123: 823, 1977
- left ventricular performance in the critically ill premature infant with patent ductus arteriosus and pulmonary disease (ab), Baylen, Barry; Meyer, Richard A.; Korfhagen, Joan; Benzing, III, George; Bubb, Maurice E.; Kaplan, Samuel, 124: 282, 1977
- patent ductus arteriosus in preterm infants with idiopathic respiratory distress syndrome: radiographic and echocardiographic evaluation, Higgins, Charles B.; Rausch, James; Friedman, William F.; Hirschklau, Michael J.; Kirkpatrick, Stanley E.; Goergen, Thomas G.; Reinke, Robert T., 124: 189, 1977
- PDA syndrome in preterm infants: technique of single film aortography and other diagnostic radiographic criteria (ab), Lachman, Ralph S.; Pfisterer, William F.; Herman, Martin W.; Prewitt, Leland H.; Maenza, Ronald; Cole, Solon; Thiebault, Donald W., 125: 279, 1977
- supracristal ventricular septal defects: spectrum of associated lesions and complications (AJR), Jaffe, Richard B.; Scherer, James L., 128: 629, 1977
- syndrome of intrahepatic biliary dysgenesis and cardiovascular malformations (ab), Greenwood, Ronald D.; Rosenthal, Amnon; Crocker, Allen C.; Nadas, Alexander S., 122: 861, 1977
- Duodenography**
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- Duodenography, technique**
- double-blind evaluation of glucagon and propantheline bromide (Pro-Banthine) for hypotonic duodenography (AJR), Bertrand, G.; Linscheer, W. G.; Raheja, K. L.; Woods, R. E., 128: 197, 1977
- Duodenum**
- See also Gastrointestinal tract; Intestines; Peptic ulcer; Vater's papilla
- Duodenum, abnormalities**
- duodenal compression defect and the "superior mesenteric artery syndrome", Gondos, Bela, 123: 575, 1977
- duodenal varices in extrahepatic portal obstruction, Itzhak, Yacov; Glickman, Morton G., 124: 619, 1977
- Duodenum, angiography**
- angiographic diagnosis of intrinsic duodenal inflammatory disease, Glickman, Morton G.; Itzhak, Yacov, 123: 297, 1977
- Duodenum, cysts**
- duodenal duplication cyst: sonographic and angiographic features (AJR), Fried, Andrew M.; Pulmano, Calixto M.; Mostowicz, Leonidas, 123: 863, 1977
- Duodenum, diseases**
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- manifestations of regional enteritis (Crohn's disease) in stomach and duodenum (ab), Koischwitz, D.; Brecht, G.; Gerlach, F.; Lackner, K., 123: 825, 1977
- Duodenum, diverticula**
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- Duodenum, hyperplasia**
- benign lymphoid hyperplasia of the duodenal bulb (ab), Govoni, Antonio F., 123: 826, 1977
- Duodenum, neoplasms**
- invasion of the duodenum by carcinoma of the stomach (AJR), Koehler, Robert E.; Hanelin, Laurence G.; Laing, Faye C.

- Montgomery, Carolyn K.; Margulis, Alexander R., 128: 201, 1977
- leiomyosarcoma of the duodenum in a 10-year-old boy (ab), Solomons, Noel W.; Wagonfeld, James B.; Thomsen, Sharon; Hill, Laurence J.; Kirsner, Joseph B., 122: 853, 1977
- primary adenocarcinoma of the duodenum (ab), Spira, Ian A.; Ghazi, Ali; Wolff, William I., 125: 569, 1977
- Duodenum, obstruction**
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- incompetence of the sphincter of Oddi in the newborn: report of two cases (AJR), Atkinson, George O.; Gay, Jr., Brit B.; Patrick, John Warren; Vanderzalm, Theodora, 128: 861, 1977
- rare cause of duodenal obstruction: two cases of Bouveret (gallstone obstruction) syndrome (ab), Rouanet, J.-P.; Fernet, M.; Chartier, Ph.; Goldlust, D., 123: 537, 1977
- Duodenum, radiography**
- cholecystographic diagnosis of duodenal ulcer: incomplete ring sign, Sickles, Edward A., 124: 27, 1977
- linear and rod-shaped peptic ulcers, Poplack, William E.; Paul, Jr., Robert E.; Goldsmith, Martin R.; Matsue, Hiroto; Bloom, Stephen M.; Moore, Jeffery P.; Norton, Richard A., 122: 317, 1977
- Duodenum, ulcers**
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- Dural sinus**
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- Dura mater**
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- Ear**
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- protruding jugular bulb presenting as a middle ear mass: case report and brief review (AJR), Farrell, Jr., Frank W.; Hantz, Oscar, 128: 685, 1977
- Ear, abnormalities**
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- internal auditory canal enlargement in neurofibromatosis without acoustic neuroma, Hill, Michael C.; Oh, Kook Sang; Hodges, III, Fred J., 122: 730, 1977
- recurrent meningitis and labyrinthine gusher, related to congenital defects of the labyrinthine capsule and staples footplate (ab), Hippskind, M. M.; Lindsay, John R.; Jones, Thomas D.; Valvassori, Galdino E., 122: 275, 1977
- Echocardiography**
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- body computed tomography: clinically important and efficacious radiologic procedure (L), Cimmino, Christian V.; Hall, Ferris M., 123: 241, 1977
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- enroll today for the 1977 refresher course program, Campbell, Robert E., 124: 533, 1977
- film interpretation session, Shapiro, Jerome H., 125: 1977
- film interpretation session: summary of discussion and diagnoses, Shapiro, Jerome H.; Beneventano, Thomas C.; Feldman, Frieda; Lalli, Anthony P.; Reilly, Bernard J.; Viamonte, Jr., Manuel, 125: 829, 1977
- Invitation to the scientific assembly, Carpenter, James W. J., 124: 527, 1977
- James W. J. Carpenter, M.D., President, Radiological Society of North America, 122: 543, 1977
- note of thanks, Carpenter, James W. J.; Eyer, William R., 125: 841, 1977
- preliminary program, 125: 261, 1977
- radiology 1976: challenge and response, Holmes, R. Brian, 122: 839, 1977
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- Miami radiology seminars (Miami Beach, Fla.), 124: 644, 1977
- new teaching aids in radiation physics (L), Stanton, Leonard, 122: 265, 1977
- postgraduate course on pathology of bone and joints (3rd) (Baltimore, Md.), 122: 356, 1977
- primary fellowship examination, faculty of radiologists, Royal College of Surgeons in Ireland (Dublin, Ireland), 122: 690, 1977
- radiology 1976: challenge and response (edit), Holmes, R. Brian, 122: 839, 1977
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- arthrography course and workshop (New York, N.Y.), 124: 312, 1977
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- European Society of Cardio-Vascular Radiology: 2nd congress (Uppsala, Sweden), 122: 100, 1977
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- Esophagus, motility**  
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- Esophagus, neoplasms**  
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 genetics and cancer of the gastrointestinal system: annual oration in honor of Herbert M. Stauffer, M.D., 1914-1970, Dodd, Gerald D., 123: 263, 1977  
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 preoperative radiation therapy for carcinoma of esophagus (ab), Marks, Jr., Richard D.; Scruggs, Hugh J.; Wallace, Keene M., 123: 544, 1977  
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- Esophagus, obstruction**  
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- Esophagus, perforation**  
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- Esophagus, physiology**  
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- Esophagus, radiography**  
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- herpes esophagitis: case studied by air-contrast esophagography (AJR), Skucas, J.; Schrank, W. W.; Meyers, P. C.; Lee, C. S., 128: 497, 1977  
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- Esophagus, radionuclide studies**  
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- Esophagus, varices**  
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- Esophagus, wounds and injuries**  
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- Ethmoid bone**  
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- Ewing, James**  
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- Exophthalmos**  
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 radionuclide venography in the diagnosis of deep vein thrombosis, Ennis, Joseph T.; Elmes, Roger J., 125: 441, 1977  
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- Extremities, edema**  
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- Extremities, neoplasms**  
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- Extremities, prostheses**  
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- Extremities, radionuclide studies**  
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- radionuclide venography: significance of delayed washout; visualization of the saphenous system (ab), Ryo, U. Yun; Colombetti, Lelio G.; Polin, Stanton G.; Pinsky, Steven M., 124: 286, 1977
- Extremities, thrombosis**  
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- Extremities ultrasound studies**  
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- Eyes, blood supply**  
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- Familial conditions**  
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frontometaphyseal dysplasia: evidence for autosomal dominant inheritance (AJR), Kassner, E. George; Haller, Jack O.; Reddy, V. Harantha; Mitarotundo, Anthony; Katz, Isadore, 127: 927, 1976  
genetics and cancer of the gastrointestinal system: annual oration in honor of Herbert M. Stauffer, M.D., 1914-1970, Dodd, Gerald D., 123: 263, 1977  
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- infantile cortical hyperostosis (ab), Frana, L.; Sekanina, M., 123: 827, 1977
- 2p partial trisomy syndrome: duplication of region 2p23 → 2pter in two members of a (2;7) translocation kindred (ab), Francke, Uta; Jones, Kenneth L., 124: 279, 1977
- radiographic features of gastric polyps in familial adenomatosis coli (AJR), Itai, Yuji; Kogure, Takashi; Okuyama, Yamaji; Muto, Tetsuhiro, 128: 73, 1977
- radiographic findings in Wolman's disease, Harrison, R. Brent; Francke, Jr., Paul, 124: 188, 1977
- some important radiological aspects of the kidney in Hippel-Lindau syndrome: value of prospective study in an affected family, Lee, Kyo Rak; Wulfsberg, Einer; Kepes, John J., 122: 649, 1977
- Van Buchem disease: case report with nosologic, genetic, and pathologic considerations, Eastman, John R.; Bixler, David, 125: 297, 1977
- Fat**  
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- Fistula, appendicovesical**  
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- Fistula, tracheal innominate**  
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- Foreign bodies, in air and food passages**  
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- Fractionation**  
See Dosimetry; Radiobiology, time-dose studies; Therapeutic radiology  
cure of EMT-6 tumor by x rays or neutrons: effect of mixed-fractionation schemes, Rasey, Janet S.; Carpenter, Rita E.; Nelson, Norma J.; Parker, Robert G., 123: 207, 1977
- Fractures**  
See also under names of individual bones  
acute bowing fractures of the forearm in children: frequently missed injury (AJR), Crowe, James E.; Swischuk, Leonard E., 128: 981, 1977  
fractures and joint injuries (bk rev), Wilson, J. N., ed., Reviewed by Staple, Tom W., 125: 668, 1977  
multiple symmetrical fractures of bone of unresolved etiology (AJR), Fulkerson, John P.; Ozonoff, M. B., 129: 313, 1977  
radiographic and histologic study of fracture healing in osteopetrotic rats, Schmidt, Christopher J.; Marks, Jr., Sandy C.; Jordan, Christopher A.; Hawes, Lloyd E., 122: 517, 1977
- Fractures, fixation**  
illusory bipane radiographic images, Volz, Robert G.; Martin, Marvin D., 122: 695, 1977
- Fractures, pathologic**  
myelofibrosis and myelofibrosis in treated histiocytosis-X (AJR), Pinckney, Lee; Parker, Bruce R., 129: 521, 1977  
simple bone cysts: factors of age dependency, Norman, Alex; Schiffman, Michael, 124: 779, 1977
- Fractures, stress**  
anterior displacement of C<sub>2</sub> in children: physiologic or pathologic? helpful differentiating line, Swischuk, Leonard E., 122: 759, 1977  
bone scanning in evaluation of exercise-related stress injuries, Wilcox, Jr., John R.; Moniot, Alfred L.; Green, Joseph P., 123: 699, 1977  
unusual scapular stress fracture (AJR), Brower, Anne C.; Neff, James R.; Tillema, David A., 129: 519, 1977
- Gallbladder**  
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aberrant gallbladder: angiographic and radioisotopic considerations (AJR), Chuang, Vincent P., 127: 417, 1976  
**Gallbladder, calculi**  
biliary matrix: matrix stones as a cause of biliary obstruction, Hammerman, Harley J.; Shatz, Burton A.; Evens, Ronald G., 124: 31, 1977  
cholecystitis and cholelithiasis masking as abdominal crises in sickle cell disease (ab), Ariyan, Stephen; Shessel, Frederick S.; Pickett, Lawrence K., 122: 855, 1977  
early experience with the Varian six second body scanner in diagnosis of hepatobiliary tract disease, Harell, George S.; Marshall, Jr., William H.; Breiman, Richard S.; Seppi, Edward J., 123: 355, 1977  
extrahepatic gallstones in children: multicenter study of 100 cases (ab), Fortier-Beaulieu, M.; Battin, J.; Auzeir, J.; Mage, K., 124: 275, 1977  
gray scale cholecystosonography: diagnostic criteria and accuracy, Lawson, Thomas L., 122: 247, 1977  
radiology of acalculous gall-bladder disease: new sign (ab), Russell, J. G. B.; Keddie, N. C.; Gough, A. L.; Galland, R. B., 122: 855, 1977  
rare cause of duodenal obstruction: two cases of Bouveret (gallstone obstruction) syndrome (ab), Rouanet, J.-P.; Fernet, M.; Chartier, Ph.; Goldlust, D., 123: 537, 1977  
use of sodium tyropanoate in oral cholecystography (ab), Falomir, Jose Manuel; de la Pena, Alejandro Cedillo, 123: 253, 1977
- Gallbladder, cysts**  
congenital diseases of the gallbladder and bile ducts (ab), Hatfield, Philip M.; Scholz, Francis J.; Wise, Robert E., 122: 564, 1977
- Gallbladder, diseases**  
cholecystitis and hydrops of the gallbladder in the newborn, Robinson, Arvin E.; Erwin, James H.; Wiseman, Hollis J.; Kodroff, Michael B., 122: 749, 1977  
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early experience with the Varian six second body scanner in diagnosis of hepatobiliary tract disease, Harell, George S.; Marshall, Jr., William H.; Breiman, Richard S.; Seppi, Edward J., 123: 355, 1977  
gallbladder disease in cystic fibrosis (AJR), L'Heureux, Philippe R.; Isenberg, J. Nevin; Sharp, Harvey L.; Warwick, Warren J., 128: 953, 1977  
visualization of the gallbladder wall at excretory urography: implication for infusion tomography of the gallbladder, Morin, Martin E.; Baker, Dennis A.; Marsan, Richard E., 125: 35, 1977
- Gallbladder, inflammation**  
acute cholecystitis: 137 patients studied by infusion tomography of the gallbladder (AJR), Moncada, Rogelio; Cardoso, Manuel; Danley, Robert B.; Rodriguez, Julieta; Kimura, Kenji; Pickleman, Jack R.; Brandly, Judith, 125: 583, 1977  
cholecystitis and cholelithiasis masking as abdominal crises in sickle cell disease (ab), Ariyan, Stephen; Shessel, Frederick S.; Pickett, Lawrence K., 122: 855, 1977  
infusion tomography of the gallbladder: mechanism of gallbladder wall opacification in experimental acute cholecystitis (AJR), Moncada, Rogelio; Cardoso, Manuel; Danley, Robert; Rodriguez, Julieta; Kimura, Kenji; Pickleman, Jack; Brandly, Judith, 129: 587, 1977  
radiologic diagnosis of acute cholecystitis (ab), Weens, H. Stephen; Clements, Jr., J. Luther, 122: 564, 1977  
rapid roentgenologic diagnosis of acute cholecystitis (ab), Danley, Robert B.; Love, Leon; Pickleman, Jack R., 124: 568, 1977
- Gallbladder, neoplasms**  
polypoid lesion of the gallbladder (ab), Reeder, Maurice M., 122: 564, 1977  
primary carcinoma of the gallbladder (ab), Piehler, Jeffrey M.; Crichtow, Robert W., 124: 568, 1977  
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- Gallbladder, radiography**  
aberrant gallbladder: angiographic and radioisotopic considerations (AJR), Chuang, Vincent P., 127: 417, 1976  
acute cholecystitis: 137 patients studied by infusion tomography of the gallbladder (AJR), Moncada, Rogelio; Cardoso, Manuel; Danley, Robert B.; Rodriguez, Julieta; Kimura, Kenji; Pickleman, Jack R.; Brandly, Judith, 125: 583, 1977  
infusion tomography of the gallbladder: mechanism of gallbladder wall opacification in experimental acute cholecystitis (AJR), Moncada, Rogelio; Cardoso, Manuel; Danley, Robert; Rodriguez, Julieta; Kimura, Kenji; Pickleman, Jack; Brandly, Judith, 129: 587, 1977
- Gallbladder, radionuclide studies**  
aberrant gallbladder: angiographic and radioisotopic considerations (AJR), Chuang, Vincent P., 127: 417, 1976  
metrizamide—CSF contrast medium: analysis of clinical application in 215 patients, Lin, Max S., 123: 783, 1977
- Gallbladder, ultrasound studies**  
gray scale cholecystosonography: diagnostic criteria and accuracy, Lawson, Thomas L., 122: 247, 1977  
gray scale cholecystosonography: evaluation of

- accuracy (AJR), Arnon, Stefan; Rosenquist, C. J., 127: 817, 1976
- Gamma globulins**  
immunoglobulin disorders of the small bowel (RCNA), Marshak, Richard H.; Lindner, Arthur E.; Maklansky, Daniel, 14: 477, 1976  
small bowel in immunoglobulin deficiency syndromes (ab), Marshak, Richard H.; Hazzi, Charles; Lindner, Arthur E.; Maklansky, Daniel, 124: 569, 1977
- Ganglion**  
recurrent ganglion cyst: value of preoperative ganglionography (AJR), Daffner, Richard H.; Whitfield, Peter W., 129: 345, 1977
- Ganglioneuroma**  
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- Ganglioneuroma**  
intra- and extra-spinal growth of a ganglioneuroma: diagnostic problem (ab), Fliegel, C. P., 123: 827, 1977
- Gangrene**  
*Clostridium*-produced gas gangrene of the colon, Rudikoff, Jeffrey C., 124: 26, 1977
- Gastroesophageal reflux**  
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- Gastrointestinal tract**  
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radiologic spectrum of opportunistic infections of the upper gastrointestinal tract (AJR), Athey, Patricia A.; Goldstein, Harvey M.; Dodd, Gerald D., 129: 419, 1977  
saline lavage: rapid, effective, and acceptable method for cleansing the gastrointestinal tract (ab), Levy, Arnold G.; Benson, James W.; Hewlett, Erik L.; Herdt, Jean R.; Doppman, John L.; Gordon, Jr., Robert S., 122: 277, 1977
- Gastrointestinal tract, abnormalities**  
duplications of the intestinal tract: clinical and radiological features (ab), Tschappeler, H.; Smith, W. B., 125: 280, 1977
- Gastrointestinal tract, edema**  
gastrointestinal edema in cirrhotics: radiographic manifestations and pathogenesis with emphasis on colonic involvement (ab), Balthazar, Emil J.; Gade, Marie Ferrante, 123: 826, 1977
- Gastrointestinal tract, hemorrhage**  
advantage of intraarterial over intravenous vasopressin infusion in gastrointestinal hemorrhage (AJR), Davis, Gary B.; Bookstein, Joseph J.; Coel, Marc N., 128: 733, 1977  
angiographic demonstration of esophagogastric bleeding from the inferior phrenic artery, Smith, Douglas C.; Kitching, Gary B., 125: 613, 1977  
angiography: contribution to the emergency management of gastrointestinal hemorrhage (ab), Athanasoulis, Christos A.; Waltman, Arthur C.; Novelline, Robert A.; Krudy, Adrian G.; Sniderman, Kenneth W., 122: 284, 1977  
arteriovenous malformation in chronic gastrointestinal bleeding (ab), Cavett, Clint M.; Selby, Jr., John H.; Hamilton, Jimmy L.; Williamson, Johnnie W., 124: 569, 1977  
arteriovenous malformation simulating Meckel's diverticulum on <sup>99m</sup>Tc-pertechnetate abdominal scintigraphy, Siddiqui, Aslam; Ryo, U. Yun; Pinsky, Steven M., 122: 173, 1977  
bleeding ileal varicosity demonstrated by transhepatic portography (AJR), Kinkhabwala, Mahesh; Mousavi, Ali; Iyer, Swaminath; Adamsons, Roland, 129: 514, 1977  
gastric leiomyoblastoma in a child (ab), Schmitt, Elizabeth L.; Heidelberg, Kathleen P., 123: 539, 1977  
gastrointestinal complications of aortic bypass surgery (ab), Dalinka, Murray K.; Gohel, Vijay K.; Schaffer, Burton; Hernberg, Joseph, 123: 537, 1977  
new techniques for interruption of gastroesophageal venous blood flow, Pereiras, Raul; Viamonte, Jr., Manuel; Russell, Edward; LePage, James R.; White, Patrick; Hutson, Duane, 124: 313, 1977  
pitfalls in transhepatic portography, Viamonte, Jr., Manuel; Pereiras, Raul; Russell, Edward; LePage, James R.; Meier, Walter L., 124: 325, 1977  
plain film findings in massive gastrointestinal bleeding (AJR), Han, Sang Y.; Witten, David M.; Prim, H. Samuel, 128: 437, 1977  
recurrent massive hemorrhage of the lower digestive tract due to hemorrhagic hereditary telangiectasis (Rendu-Osler-Weber disease) (ab), Besson, A.; Saegesser, F., 125: 855, 1977  
scintigraphic detection of acute gastrointestinal bleeding, Alavi, Abass; Dann, Robert W.; Baum, Stanley; Biery, Darryl N., 124: 753, 1977  
technetium scans in the detection of gastrointestinal hemorrhage: preoperative diagnosis of enteric duplication in an infant (ab), Wilson, James P.; Wenzel, Wayne W.; Campbell, John B., 125: 576, 1977  
transhepatic obliteration of gastroesophageal varices: results in acute and nonacute bleeders (AJR), Viamonte, Jr., Manuel; Pereiras, Raul; Russell, Edward; LePage, James; Hutson, Duane, 129: 237, 1977
- Gastrointestinal tract, neoplasms**  
accumulation of <sup>99m</sup>Tc-diphosphonate in hepatic neoplasm, Ghaed, Nasser; Marsden, Richard J., 125: 440, 1977  
gastric lymphoma: radiologic diagnosis (ab), Menueck, Leslie S., 123: 253, 1977  
genetics and cancer of the gastrointestinal system: annual oration in honor of Herbert M. Stauffer, M.D., 1914-1970, Dodd, Gerald D., 123: 263, 1977  
place of <sup>57</sup>Co-bleomycin scanning in the evaluation of tumors (AJR), Kahn, Paul C.; Milunsky, Cyril; Dewanjee, Mrinal K.; Rudders, Richard A., 129: 267, 1977
- Gastrointestinal tract, radiography**  
course in gastrointestinal radiology (New York City), 122: 328, 1977  
diatrizoate absorption from enemas in newborn puppies, Katzberg, Richard W.; Wood, Beverly P., 123: 333, 1977  
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perfluorotribromide as a diagnostic contrast medium in gastroenterography, Liu, Mai-Shian; Long, David M., 121: 71, 1977  
radiology of the small intestine, 2nd ed. (bk rev), Marshak, Richard H.; Lindner, Arthur E., Reviewed by Friedland, Gerald W., 124: 306, 1977  
use of glucagon in endoscopic and roentgenologic examinations of the gastrointestinal tract (ab), Paul, F.; Freischmidt, J., 122: 278, 1977
- Gastrointestinal tract, radionuclide studies**  
scintigraphic detection of acute gastrointestinal bleeding, Alavi, Abass; Dann, Robert W.; Baum, Stanley; Biery, Darryl N., 124: 753, 1977
- Gaucher's disease**  
See Bones, primary metabolic abnormalities
- Gelfoam**  
control of massive prostatic bleeding with angiographic techniques (ab), Mitchell, Michael E.; Waltman, Arthur C.; Athanasoulis, Christos A.; Kerr, Jr., Walter S.; Dretler, Stephen P., 122: 283, 1977  
embolization of malignant renal tumors. report of 22 cases (ab), Steckenmesser, R.; Bayindir, S.; Rothauge, C. F.; Noeske, K.; Weidner, W., 122: 860, 1977  
renal infarction: complication of Gelfoam embolization of a hemangioendelioma of the liver (AJR), Tegtmeyer, Charles J.; Smith, Thomas H.; Shaw, Anthony; Barwick, Kenneth W.; Kattwinkel, John, 128: 305, 1977  
therapeutic embolization for intractable chronic bleeding, Higgins, Charles B.; Bookstein, Joseph J.; Davis, Gary B.; Galloway, Dan C.; Barr, John W., 122: 473, 1977
- Genitals**  
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- Genitourinary tract**  
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- Genitourinary tract, diseases**  
genitourinary involvement in chronic granulomatous disease of childhood (AJR), Forbes, Glenn S.; Hartman, Glen W.; Burke, Edmund C.; Segura, Joseph W., 127: 683, 1976
- Genitourinary tract, radiography**  
advances and techniques in genitourinary radiology (Indianapolis, Ind.), 122: 70, 1977
- Germinaloma**  
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- Gigantism**  
macrodystrophia lipomatosa: radiographic diagnosis (AJR), Goldman, Amy Beth; Kaye, Jeremy J., 128: 101, 1977
- Glioblastoma**  
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- Glioma**  
anterior pontomesencephalic vein and basilar artery in exophytic brainstem glioma, Sarwar, Mohammad; Batnitzky, Solomon; Schechter, Mannie M., 124: 403, 1977  
clinical and pathological study of 24 cases of gliosarcoma (ab), Morantz, Robert A.; Feigin, Irwin; Ransohoff, III, Joseph, 123: 819, 1977  
computerized tomography in the diagnosis of sellar and parasellar lesions (SR), Leeds, Norman E.; Naidich, Thomas P., 12: 121, 1977  
diffuse osteoblastic metastases from an intracranial glioma (AJR), Schatzki, Stefan C.; McIlmoyle, Gaellan; Lewis, Samuel, 128: 321, 1977  
glioblastoma multiforme with extraneural metastases in the absence of previous surgery (ab), Hulhanni, Sharada; Goodman, Paul A., 122: 850, 1977  
nasal glioma (ab), Hirsh, Leonard F.; Stool, Sylvan E.; Langfitt, Thomas W.; Schut, Luis, 125: 852, 1977  
postirradiation necrosis of the temporal lobe presenting as a glioma (ab), Diengdoh, J. Victor; Booth, Anthony E., 122: 575, 1977  
radiation sensitivity of cultured human glioblastoma cells, Gerweck, Leo E.; Kornblith, Paul L.; Burrett, Peg; Wang, Janice; Schweigert, Susan, 125: 231, 1977  
radiation therapy of thalamic, midbrain and brain stem gliomas, Greenberger, Joel S.; Cassidy, J. Robert; Levene, Martin B., 122: 463, 1977  
serial computed tomography of primary brain tumors following surgery, irradiation, and chemotherapy, Marks, James E.; Gado, Mokhtar H., 125: 119, 1977  
statistical profiles in computed tomography, Kramer, Richard A.; Yoshikawa, Bonnie M.; Scheibe, Paul O.; Janetos, George P., 125: 145, 1977  
three cases of communicating syringomyelia secondary to midbrain gliomas (ab), Williams, Bernard; Timperley, W. R., 125: 848, 1977  
treatment of Wilms' tumor: results of the national Wilms' tumor study (ab), Shapiro, William R.; Young, Dean F., 123: 545, 1977  
unusual presentation of glioblastoma multiforme on serial scintiscans (ab), Gooneratne, Nihal S.; Quinn, III, James L.; Pickus, Meline, 124: 579, 1977
- Gliosarcoma**  
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- Glomus jugulare**  
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- Glomus jugulare, neoplasms**  
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- Glossitis**  
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- Glucagon**  
double-blind evaluation of glucagon and propantheline bromide (Pro-Banthine) for hypotonic duodenography (AJR), Bertrand, G.; Linscheer, W. G.; Raheja, K. L.; Woods, R. E., 128: 197, 1977  
glucagon-aided reduction of intussusception, Fisher, James K.; Germann, Donald R., 122: 197, 1977  
glucagon and barium enema examinations: controlled clinical trial (ab), Harned, Roger K.; Stelling, Carol B.; Williams, Susan; Wolf, Gerald L., 122: 856, 1977  
glucagon-producing islet cell tumor of the pancreas (AJR), Cho, Kyung J.; Wilcox, Clyde W.; Reuter, Stewart R., 129: 159, 1977  
radiologic treatment of esophageal food impaction using intravenous glucagon, Ferrucci, Jr., Joseph T.; Long, Jr., John A., 125: 25, 1977  
use of glucagon in endoscopic and roentgenologic examinations of the gastrointestinal tract (ab), Paul, F.; Freischmidt, J., 122: 278, 1977
- Goiter**  
intrathoracic goiter as a cause of superior vena cava obstruction (ab), Castaneda-Zuniga, W. R.; Amplatz, Kurt, 124: 567, 1977  
[<sup>125</sup>I] therapy in Graves' disease: long-term results in 355 patients (ab), McDougall, I. R.; Greig, W. R., 125: 288, 1977  
thyroid echography of subacute thyroiditis, Blum, Manfred; Passalacqua, Anthony M.; Sackler, Jay P.; Pudlowski, Rochelle, 125: 795, 1977
- Goiter, diseases**  
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**Goodpasture's syndrome**

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chronic synovitis in gout simulating rheumatoid arthritis: demonstration of bilateral popliteal cysts and wrist synovial corrugation (ab), Trentham, David E.; Masi, Alfonso T., 122: 566, 1977

gouty tophus of the distal end of the femur (ab), Schreiber, Richard R., 124: 573, 1977

rheumatoid nodulosis: another cause of juxtaarticular nodules, Brower, Anne C.; NaPombejara, Chalyakiati; Stechschulte, D. J.; Mantz, Frank; Ketchum, Lynn, 125: 669, 1977

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**Granuloma**

arteriographic findings in hyperergic granulomatosis and vasculitis of a kidney (AJR), Pouliadis, Grigoris P.; Wellauer, Josef; Streuli, Rolf; Fontana, Adriano; Briner, Jakob, 127: 526, 1976

cholesterol granuloma involving the temporal bone (ab), Nager, George T.; Vanderveen, Theodore S., 122: 273, 1977

genitourinary involvement in chronic granulomatous disease of childhood (AJR), Forbes, Glenn S.; Hartman, Glen W.; Burke, Edmund C.; Segura, Joseph W., 127: 683, 1976

post-herniorrhaphy suture granuloma simulating a bladder neoplasm, Helms, Clyde A.; Clark, Robert E., 124: 56, 1977

rare cause of antero-pyloric stenosis in a child: chronic granulomatous disease (ab), Hassan, M.; Douillet, P.; Mage, K., 122: 853, 1977

shifting granuloma: internal marker of atelectasis, Rohlfing, Barbara M., 123: 283, 1977

suture granuloma simulating recurrent carcinoma (AJR), Shaffer, Irving A.; Sequeira, Joseph, 128: 856, 1977

suture granulomas simulating tumors: preventable postgastrectomy complication (ab), Gueller, R.; Shapiro, H. A.; Nelson, J. A.; Bush, R., 122: 853, 1977

**Growth and development**

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radiographic findings in children with psychosocial dwarfism (ab), Gloeb, H. J.; Capitanio, M. A.; Kirkpatrick, J. A., 123: 827, 1977

**Gynecology**

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**Gynecology, therapeutic radiology**

treatment tolerance and early complications with extended field irradiation in gynaecological cancer (ab), Jampolis, S.; Martin, P.; Schroder, Patricia; Horiot, J. C., 125: 575, 1977

**Gynecology, ultrasound**

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benign tumors of the lung (SR), Madewell, John E.; Feigin, David S., 12: 175, 1977

cerebral hamartoma mimicking the angiographic appearance of congenital fusiform aneurysm (AJR), Olsson, Harold E.; Spitzer, Robert M.; Heggeness, Lucille; Javid, Rouhallah, 128: 1049, 1977

midline hamartomas masquerading as meningomyelocele or teratomas in the newborn infant (ab), Tibbs, P. A.; James, H. E.; Rorke, L. B.; Schut, L.; Bruce, D. A., 124: 570, 1977

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**Hand, abnormalities**

craniosynostosis, midfacial hypoplasia, and foot abnormalities: autosomal dominant phenotype in large Amish kindred (ab), Jackson, Charles E.; Weiss, Lester;

Reynolds, William A.; Forman, Tod F.; Peterson, James A., 123: 826, 1977

pattern of shortening of the bones of the hand in PHP and PHPH—comparison with brachydactyly E, Turner syndrome, and acrodyostosis, Poznanski, Andrew K.; Werder, Edmond A.; Giedion, Andres; Martin, Allan J.; Shaw, Helen, 123: 707, 1977

**Hand, angiography**

importance of temperature in angiography of hand, Rosch, Josef; Antonovic, Ruza; Porter, John M., 123: 323, 1977

**Hand, blood supply**

importance of temperature in angiography of hand, Rosch, Josef; Antonovic, Ruza; Porter, John M., 123: 323, 1977

**Hand, radiography**

arteriography of the traumatized hand: indications, methods, and results based on 150 cases (ab), Blonstein, A.; Doyon, D.; Harry, G., 125: 572, 1977

hand radiographic measurements in growth hormone deficiency before and after treatment (AJR), Hernandez, Ramiro; Poznanski, Andrew K.; Kelch, Robert P.; Kuhns, Lawrence R., 129: 487, 1977

**Hand-Schuller-Christian disease**

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**Hand, wounds and injuries**

arteriography of the traumatized hand: indications, methods, and results based on 150 cases (ab), Blonstein, A.; Doyon, D.; Harry, G., 125: 572, 1977

traumatic tenar ischemia (AJR), Wandtke, John C.; Spitzer, Robert M.; Olsson, Harold E.; Welch, Ethan, 127: 569, 1976

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See also Brain; Hydrocephalus; Jaws; Skull

**Head, computed tomography**

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**Head, effects of irradiation**

thyroid cancer occurring as a late consequence of head-and-neck irradiation: evaluation of 1056 patients (ab), Favus, Murray J.; Schneider, Arthur B.; Stachura, Max E.; Arnold, John E.; Ryo, U. Yun; Pinsky, Steven M.; Colman, Martin; Arnold, Margaret J.; Frohman, Lawrence A., 122: 575, 1977

**Head, neoplasms**

adjuvant chemoimmunotherapy in advanced lesions of head and neck (ab), Eilber, Frederick R.; Morton, Donald L., 122: 862, 1977

angiographic observations on chemodectomas of the head and neck (AJR), Handel, Stanley F.; Miller, Mark H.; Wallace, Sidney; Goepfert, Helmuth; Jesse, Richard H., 129: 477, 1977

effect of immobilisation on localisation error in the radiotherapy of head and neck cancer (ab), Marks, J. E.; Haus, A. G., 123: 544, 1977

electron beam therapy in head and neck tumors (ab), Tobin, Daniel A.; Hall, William; Scott, Ralph M., 123: 543, 1977

en-bloc irradiation of tumours of the head and neck and their lymphatics: I. technique and dosimetry (ab), Landberg, Trosten; Svahn-Tapper, Gudrun, 123: 543, 1977

neurologic manifestations of glomus tumors in the head and neck (ab), Spector, Gershon J.; Druck, Norman S.; Gado, Mokhtar H., 123: 250, 1977

serial studies of immunocompetence in head and neck cancer patients undergoing radiation therapy (ab), Stefani, Stefano; Kerman, Ronald; Abbate, Joseph, 122: 287, 1977

**Head, size**

head circumference in children with short stature secondary to primary hypothyroidism (ab), Burt, Leslie; Kulin, Howard E., 125: 851, 1977

**Head, wounds and injuries**

computed tomography in head trauma, Dublin, Arthur B.; French, Barry N.; Rennick, John M., 122: 365, 1977

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enophthalmos simulating orbital emphysema (AJR), Cossrow, Joel I.; Curtis, John A.; Edeiken, Jack, 122: 728, 1977

fracture of the sella turcica (AJR), Dublin, Arthur B.; Poirier, Virginia C., 127: 969, 1976

post-traumatic anterior hypopituitarism (ab), Paxson, Jr., Charles L.; Brown, David R., 122: 273, 1977

value of computerized tomography in the

management of 1000 consecutive head injuries (ab), French, Barry N.; Dublin, Arthur B., 125: 564, 1977

**Heart**

See also Aneurysm; Angiocardiography; Coronary vessels; Embolism; Pericardium; Radiations, injurious effects; Radiobiology; etc.

heart and coronary arteries, anatomical atlas for clinical diagnosis, radiological investigation and surgical treatment (bk rev), McAlpine, Wallace A., Reviewed by Torbey, Peter J., 122: 116, 1977

lymphatics of the canine papillary muscles (ab), Uhley, H. N.; Leeds, S. E., 122: 563, 1977

**Heart, abnormalities**

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absent mesosternum in congenital heart disease (AJR), Steiner, Robert M.; Kricun, Morrie; Shapiro, Joel, 127: 923, 1976

approach to cardiac malposition and the heterotaxy syndrome using <sup>99m</sup>Tc sulfur colloid imaging (AJR), Fitzer, P. M., 127: 1021, 1976

cross-sectional echocardiography in the diagnosis of congenital heart disease: identification of the relation of the ventricles and great arteries (ab), Henry, Walter L.; Maron, Barry J.; Griffith, James M., 125: 860, 1977

echocardiographic diagnosis of double-outlet right ventricle (ab), Vaseanon, Thamniun; Zakheim, Richard M.; Park, Myung K.; Mattioli, Leone; Diehl, Antoni M., 122: 567, 1977

echocardiographic manifestations of single ventricle (ab), Felner, Joel M.; Brewer, Dorothy B.; Franch, Robert H., 122: 569, 1977

echocardiographic spectrum of the hypoplastic left heart syndrome: clinicopathologic correlation in 19 newborns (ab), Farooki, Zia Q.; Henry, James G.; Green, Edward W., 122: 567, 1977

echocardiography of double outlet right ventricle: new diagnostic criteria, Yeh, Hsu-Chong; Wolf, Bernard S.; Steinfield, Leonard; Baron, Murray G., 123: 435, 1977

fatty infiltration of the heart associated with Uhl anomaly (ab), Letac, B.; Tayot, J.; Barthes, P., 124: 567, 1977

massive cardiomegaly in the newborn (ab), Kachaner, J.; Nouaille, J. M.; Batisse, A., 125: 567, 1977

patent ductus arteriosus in preterm infants with idiopathic respiratory distress syndrome: radiographic and echocardiographic evaluation, Higgins, Charles B.; Rausch, James; Friedman, William F.; Hirschklau, Michael J.; Kirkpatrick, Stanley E.; Goergen, Thomas G.; Reinke, Robert T., 124: 189, 1977

radiological features of brain abscess in congenital heart disease (ab), Ng, K. K.; Wong, W. K.; Raju, L., 125: 853, 1977

recognition of residual postoperative shunts by contrast echocardiographic techniques (ab), Valdes-Cruz, Lilliam M.; Pieroni, Daniel R.; Roland, Jean-Michel A.; Shematek, Jon P., 124: 283, 1977

stress electrocardiography in Uhl's anomaly with mitral valve prolapse (ab), Desser, Kenneth B.; Promisloff, Steven D.; Yellen, Laurence G.; Benchimol, Alberto, 122: 852, 1977

total anomalous systemic venous drainage (ab), Viart, Pierre; Clerc, Jean-Louis; Primo, George; Polis, Oliver, 125: 567, 1977

**Heart, anatomy**

angiographic anatomy of the right heart (ab), Raphael, M. J.; Allwork, S. P., 123: 537, 1977

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# Heart, catheterization

effects of transfemoral cardiac catheterization on limb blood flow in children (ab), Takahashi, Osahiro; Zakheim, Richard; Park, Myung K.; Mattioli, Leone; Diehl, Antoni M., 124: 275, 1977  
intraaortic counterpulsation balloon: radiographic considerations (AJR), Hyson, Eric A.; Rabin, Carl E.; Kelley, Michael J.; Curtis, Anne McB., 128: 915, 1977  
irradiation to thyroid gland at cardiac catheterization and angiocardiology in children (ab), Gustafsson, Monica; Mortenson, W., 123: 541, 1977

# Heart, computed tomography

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# Heart, cysts

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# Heart, diseases

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approximation of the left ventricle by a cone of revolution using biplane measurements, Beranek, Ivo; Moore, Richard; Kim, Sung; Amplatz, Kurt, 125: 597, 1977  
coronary heart disease: clinical, angiographic, and pathologic profiles (bk rev), Vlodaver, Zeev; Amplatz, Kurt; Burchell, Howard B.; Edwards, Jesse E., Reviewed by Byrne, Richard J., 125: 316, 1977  
ductus arteriosus dilatation by prostaglandin E<sub>1</sub> in infants with pulmonary atresia (ab), Heymann, Michael A.; Rudolph, Abraham M., 125: 279, 1977  
echocardiographic detection of large left to right shunts and cardiomyopathies in infants and children (ab), Sahn, David J.; Vaucher, Yvonne; Williams, David E.; Allen, Hugh D.; Goldberg, Stanley J.; Friedman, William F., 122: 569, 1977  
echocardiographic evidence of outflow tract obstruction in Pompe's disease (glycogen storage disease of the heart) (ab), Rees, Allan; Elbl, Francisco; Minhas, Kareem; Solinger, Robert, 122: 570, 1977  
echocardiographic manifestations of infiltrate cardiomyopathy: report of seven cases due to amyloid (ab), Child, John S.; Levisman, Jorge A.; Abasi, Abdul S.; MacAlpin, Rex N., 123: 258, 1977  
hypercontractile cardiac states simulating hypertrophic cardiomyopathy (ab), Come, Patricia C.; Bulkley, Bernadine H.; Goodman, Zachary D.; Hutchings, Grover M.; Pitt, Bertram; Fortuin, Nicholas J., 125: 287, 1977  
hypertrophic cardiomyopathy: evaluation by gated cardiac blood pool scanning (ab), Pohost, Gerald M.; Vignola, Paul A.; McKusick, Kenneth E.; Block, Peter C.; Myers, Gordon S.; Walker, Harriet J.; Copen, David L.; Dinsmore, Robert E., 124: 286, 1977  
in vitro computed tomography of human heart, White, Jr., Robert L.; Leo, Frank P.; Kaufman, Stephen L.; Bulkley, Bernadine H.; Hutchings, Grover M., 123: 777, 1977  
prevalence and characteristics of disproportionate ventricular septal thickening in patients with acquired or congenital heart diseases: echocardiographic and morphologic findings (ab), Maron, Barry J.; Clark, Chester E.; Henry, Walter L.; Fukuda, Toyoki; Edwards, Jesse E.; Mathews, Jr., Emmett C.; Redwood, David R.; Epstein, Stephen E., 124: 576, 1977  
pulmonary congestion in chronic heart disease: radiologic, clinical and hemodynamic relationships (ab), Stage, P.; Movild, B.; Hesse, B.; Steinmetz, E., 123: 535, 1977

# Heart, effects of irradiation

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# Heart, failure

arteriovenous malformation of the vein of Galen: treatment in a neonate (ab), Watson, David G.; Smith, Robert R.; Brann, Jr., Alfred W., 122: 560, 1977  
chest x-ray in acute left ventricular power failure: aid to determining prognosis of patients supported by intra-aortic balloon pumping (ab), Cascade, Phillip N.;

Kantrowitz, Adrian; Wajszczuk, Waldemar J.; Rubenfire, Melvin, 123: 536, 1977

echocardiographic evaluation of Valsalva maneuver in healthy subjects and patients with and without heart failure (ab), Parisi, Alfred F.; Harrington, James J.; Oskanazi, Joseph; Pratt, Richard C.; McIntyre, Kevin M., 123: 832, 1977

renal infarction: complication of Gelfoam embolization of a hemangioendothelioma of the liver (AJR), Tegtmeyer, Charles J.; Smith, Thomas H.; Shaw, Anthony; Barwick, Kenneth W.; Kattwinkel, John, 128: 305, 1977

# Heart, flow dynamics

differences in velocity-displacement relationship of systolic contraction of normal and ischemic canine myocardium, Rosen, Lowell; Silverman, Norman R.; Higgins, Charles B., 124: 7, 1977

# Heart, hypertrophy

asymmetric left atrial enlargement: echocardiographic observation (ab), Lemire, Francois; Tajik, Abdul J.; Hagler, Donald J., 122: 567, 1977

cardiomegaly as a cause of nonuniform pulmonary artery perfusion (AJR), Beckmann, Carl F.; Levin, David C.; Ulreich, Sidney, 129: 661, 1977

echocardiography in the diagnosis of hypertrophic obstructive cardiomyopathy (ab), Shah, Pravin M., 125: 0573, 1977

patent ductus arteriosus in preterm infants with idiopathic respiratory distress syndrome: radiographic and echocardiographic evaluation, Higgins, Charles B.; Rausch, James; Friedman, William F.; Hirschklau, Michael J.; Kirkpatrick, Stanley E.; Goergen, Thomas G.; Reinke, Robert T., 124: 189, 1977

# Heart, infarction

critical review of the efficacy of <sup>99m</sup>Tc pyrophosphate in detecting myocardial infarction in 103 patients, Tetelman, Marc R.; Foley, L. Christopher; Spencer, Crispin P.; Bishop, Sanford P., 124: 431, 1977  
improved myocardial infarct localization by combination of scintigraphy and ventricular wall motion evaluation, Van Hove, Eugene D.; Heck, Larry L.; Kight, Jerry L., 124: 425, 1977

predictive factors and mechanism of arrhythmias and myocardial ischemic changes in elderly patients during barium enema (ab), Higgins, C. B.; Roeske, W. R.; Karliner, J. S.; O'Rourke, R.; Berk, R. N., 124: 567, 1977

# Heart, inflammation

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echocardiographic detection of bacterial vegetations in a child with a ventricular septal defect (ab), Aziz, Kalim U.; Newfeld, Edgar A.; Paul, Milton H., 123: 259, 1977

echocardiographic evaluation of tricuspid valve endocarditis: M mode and two dimensional study (ab), Kisse, Joseph A.; Von Ramm, Olaf T.; Hanley, Robyn; Jones, Robert; Juk, S. Stanley; Behar, Victor S., 122: 862, 1977

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two-dimensional echocardiographic assessment of vegetative endocarditis (ab), Gilbert, Brian W.; Henry, Robyn S.; Crawford, Fred; McClellan, Joseph; Gallis, Harry A.; Johnson, Michael L.; Kisslo, Joseph A., 124: 283, 1977

# Heart, neoplasms

alveolar rhabdomyosarcoma involving the heart: echocardiographic, angiographic and pathologic study (ab), Ormsord, Garth S.; Knight, Laura; Dehner, Louis P.; Nicoloff, Demetre M.; Nesbitt, Mark; Bessinger, Jr., F. Blanton, 123: 259, 1977

cardiac metastases in lung cancer (ab), Strauss, Barry L.; Matthews, Mary J.; Cohen, Martin H.; Simon, Richard; Tejada, Francisco, 124: 855, 1977

cardiac myxoma: diagnostic challenge for the neurologist (ab), Yufe, Robert; Karpati, George; Carpenter, Stirling, 125: 278, 1977

echocardiographic demonstration of bilateral atrial myxomas (ab), Fitterer, Joseph D.; Spicer, Melvin J.; Nelson, William P., 122: 568, 1977

echocardiographic differentiation of a cystic and a solid tumor of heart (ab), Farooki, Zia

Q.; Adelman, Susan; Green, Edward W., 123: 833, 1977

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# Heart, radiography

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# Heart, radionuclide studies

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improved <sup>191</sup>Os-<sup>191</sup>Ir generator for radionuclide angiocardiology, Hnatowich, Donald J.; Kulprathipanja, Santi; Treves, Salvador, 123: 189, 1977

positive <sup>99m</sup>Tc-stannous pyrophosphate myocardial image in a patient with carcinoma of the lung, Harford, William; Weinberg, Michael N.; Buja, L. Maximilian; Parkey, Robert W.; Bonte, Frederick J.; Willerson, James T., 122: 747, 1977

radiocardiography in clinical cardiology (ab), Pierson, Jr., R. N.; Alam, S.; Kemp, H. G.; Friedman, M. L., 123: 834, 1977

radionuclide cardioangiography of an adjunct to acute myocardial infarct scintigraphy (ab), Kan, Michael K.; Hopkins, G. Bruce, 124: 287, 1977

uptake of <sup>99m</sup>Tc-pyrophosphate in chest wall tissues due to defibrillation (ab), Slutsky, Lawrence J.; Passalacqua, Anthony M.; Oster, Zvi H.; Braunstein, Philip, 124: 865, 1977

# Heart, size

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# Heart, surgery

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necrotizing enterocolitis after open heart surgery employing hypothermia and cardiopulmonary bypass (AJR), Kleinman, Paul K.; Winchester, Patricia; Brill, Paula W., 127: 757, 1976

# Heart, tamponade

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# Heart, thrombus

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# Heart, ultrasound

abnormal septal motion in cardiac tamponade with pulsus paradoxus: echocardiographic

- and hemodynamic observations (ab), Cosio, Francisco G.; Martinez, Jose Palacios; Serrano, Concepcion Moro; de la Calzada, Carlos Saenz; Alcaine, Carlos Castro, 125: 860, 1977
- alveolar rhabdomyosarcoma involving the heart: echocardiographic, angiographic and pathologic study (ab), Orsmond, Garth S.; Knight, Laura; Dehner, Louis P.; Nicoloff, Demetre M.; Nesbitt, Mark; Bessinger, Jr., F. Blanton, 123: 259, 1977
- assessment of mitral stenosis and prosthetic mitral valve obstruction, using the posterior aortic wall echocardiogram (ab), Strunk, Brian L.; London, Elizabeth J.; Fitzgerald, John W.; Popp, Richard L.; Barry, William H., 125: 286, 1977
- asymmetric left atrial enlargement: echocardiographic observation (ab), Lemire, Francois; Tajik, Abdul J.; Hagler, Donald J., 122: 567, 1977
- bacterial endocarditis in a patient with Marfan's syndrome: echocardiographic features (ab), Mehl, Sydney J.; Kronzon, Itzhak; Zimmerman, David, 123: 257, 1977
- cardiac reconstruction imaging in relation to other ultrasound systems and computed tomography (ab), Gramiak, Raymond; Waag, Robert C., 123: 830, 1977
- cardiac, skeletal and ophthalmologic abnormalities in relatives of patients with the Marfan syndrome (ab), Payvandi, Mohammad Naser; Kerber, Richard E.; Phelps, Charles D.; Judisch, George F.; ElKhoury, George; Schrott, Helmut G., 125: 286, 1977
- comparison of echocardiographic and necropsy measurements of ventricular wall thicknesses in patients with and without disproportionate septal thickening (ab), Maron, Barry J.; Henry, Walter L.; Roberts, William C.; Epstein, Stephen E., 124: 282, 1977
- contrast echocardiography in single or common ventricle (ab), Seward, James B.; Tajik, Abdul J.; Hagler, Donald J.; Ritter, Donald G., 124: 577, 1977
- cross-sectional echocardiographic examination of interatrial septum (ab), Dillon, James C.; Weyman, Arthur E.; Feigenbaum, Harvey; Eggleton, Reginald C.; Johnston, Kenneth, 123: 831, 1977
- cross-sectional echocardiography in the diagnosis of congenital heart disease: identification of the relation of the ventricles and great arteries (ab), Henry, Walter L.; Maron, Barry J.; Griffith, James M., 125: 860, 1977
- detection of left ventricular aneurysms by cross-sectional echocardiography (ab), Weyman, Arthur E.; Pesko, Steven M.; Williams, Eric S.; Dillon, James C.; Feigenbaum, Harvey, 123: 831, 1977
- determinants of ventricular septal motion: influence of relative right and left ventricular size (ab), Pearlman, Alan S.; Clark, Chester E.; Henry, Walter L.; Morganroth, Joel; Tscoitz, Samuel B.; Epstein, Stephen E., 122: 569, 1977
- diagnosis of cor triatriatum by echocardiography, Kelley, Michael J.; Glanz, Sidney; Hellenbrand, William E.; Taunt, Kathleen A.; Berman, Michael A., 123: 159, 1977
- distribution of coronary artery disease: predictions by echocardiography (ab), Dorfimer, Anthony C.; DeJoseph, Robert L.; Shiroff, Robert A.; Liedtke, James; Zelis, Robert, 123: 257, 1977
- echocardiogram in common (single) ventricle: angiographic-anatomic correlation (ab), Seward, James B.; Tajik, Abdul J.; Hagler, Donald J.; Giuliani, Emilio R.; Gau, Gerald T.; Ritter, Donald G., 124: 577, 1977
- echocardiographic abnormalities in acute rheumatic fever (ab), Schieken, Richard M.; Kerber, Richard E., 122: 862, 1977
- echocardiographic assessment of left-to-right shunt volume in children with ventricular septal defect (ab), Lewis, Alan B.; Takahashi, Masato, 122: 569, 1977
- echocardiographic assessment of the severity of aortic stenosis in children and adolescents (ab), Glanz, Sidney; Hellenbrand, William E.; Berman, Michael A.; Talner, Norman S., 122: 861, 1977
- echocardiographic assessment of level of cardiac compensation in valvular heart disease (ab), Rosenblatt, Andrew; Clark, Ralph; Burgess, Judith; Cohn, Keith, 123: 541, 1977
- echocardiographic assessment of a normal adult aging population (ab), Gerstenblith, Gary; Frederiksen, James; Yin, Frank C. P.; Fortuin, Nicholas J.; Lakatta, Edward G.; Weisfeldt, Myron L., 125: 860, 1977
- echocardiographic demonstration of bilateral atrial myxomas (ab), Fitterer, Joseph D.; Spicer, Melvin J.; Nelson, William P., 122: 568, 1977
- echocardiographic detection of bacterial vegetations in a child with a ventricular septal defect (ab), Aziz, Kalim U.; Newfeld, Edgar A.; Paul, Milton H., 123: 259, 1977
- echocardiographic detection of intracardiac right-to-left shunts following peripheral vein injections (ab), Valdes-Cruz, Lilliam M.; Pieroni, Daniel R.; Roland, Jean-Michel A.; Varghese, P. Jacob, 123: 541, 1977
- echocardiographic detection of large left to right shunts and cardiomyopathies in infants and children (ab), Sahn, David J.; Vaucher, Yvonne; Williams, David E.; Allen, Hugh D.; Goldberg, Stanley J.; Friedman, William F., 122: 569, 1977
- echocardiographic detection of pericardial effusion and pericardial thickening in malignant lymphoma, Markiewicz, Walter; Glatstein, Eli; London, Elizabeth J.; Popp, Richard L., 123: 161, 1977
- echocardiographic diagnosis of double-outlet right ventricle (ab), Vaseon, Thannium; Zakheim, Richard M.; Park, Myung K.; Mattioli, Leone; Diehl, Antoni M., 122: 567, 1977
- echocardiographic diagnosis of intraventricular clot (ab), DeJoseph, Robert L.; Shiroff, Robert A.; Levenson, Leslie W.; Martin, C. Edward; Zelis, Robert F., 124: 861, 1977
- echocardiographic differentiation of a cystic and a solid tumor of heart (ab), Farooki, Zia Q.; Adelman, Susan; Green, Edward W., 123: 833, 1977
- echocardiographic evaluation of Valsalva maneuver in healthy subjects and patients with and without heart failure (ab), Parisi, Alfred F.; Harrington, James J.; Oskenzi, Joseph; Pratt, Richard C.; McIntyre, Kevin M., 123: 832, 1977
- echocardiographic evidence of outflow tract obstruction in Pompe's disease (glycogen storage disease of the heart) (ab), Rees, Allan; Elbl, Francisco; Minhas, Kareem; Solinger, Robert, 122: 570, 1977
- echocardiographic features of congenital left ventricular inflow obstruction (ab), LaCorte, Michael; Harada, Kensuke; Williams, Roberta G., 123: 542, 1977
- echocardiographic localization of interatrial baffle after mustard operation for dextrotransposition of the great arteries (ab), Aziz, Kalim U.; Paul, Milton H.; Muster, Alexander J., 122: 569, 1977
- echocardiographic manifestations of single ventricle (ab), Felner, Joel M.; Brewer, Dorothy B.; Franch, Robert H., 122: 569, 1977
- echocardiographic manifestations of infiltrate cardiomyopathy: report of seven cases due to amyloid (ab), Child, John S.; Levisman, Jorge A.; Abasi, Abdul S.; MacAlpin, Rex N., 123: 258, 1977
- echocardiographic observations in patients with systemic infiltrative disease involving the heart (ab), Borer, Jeffrey S.; Henry, Walter L.; Epstein, Stephen E., 124: 576, 1977
- echocardiographic observations on the association between mitral valve prolapse and asymmetric septal hypertrophy (ab), Chandraratna, P. A. N.; Tolentino, A. O.; Mutucumarana, W.; Gomez, A. Lopez, 125: 286, 1977
- echocardiographic oscillating flap in aortic root dissecting aneurysm (ab), Nicholson, W. Jay; Cobbs, Jr., B. Woodfin, 122: 568, 1977
- echocardiographic patterns in scleroderma (ab), Eggebrecht, Russell F.; Kleiger, Robert E., 123: 833, 1977
- echocardiographic patterns of ventricular contraction in the Wolff-Parkinson-White syndrome (ab), Hishida, Hitoshi; Sotobata, Iwao; Koike, Yoshihiro; Okumura, Michimaro; Mizuno, Yasushi, 123: 542, 1977
- echocardiographic spectrum of the hypoplastic left heart syndrome: clinicopathologic correlation in 19 newborns (ab), Farooki, Zia Q.; Henry, James G.; Green, Edward W., 122: 567, 1977
- echocardiographic studies of abnormalities associated with coarctation of the aorta (ab), Scovill, James A.; Nanda, Navin C.; Gross, Charles M.; Lombardi, Anthony C.; Gramiak, Raymond; Lipchik, Elliot O.; Manning, James A., 122: 570, 1977
- echocardiographic study of interventricular septal motion in the Wolff-Parkinson-White syndrome (ab), Francis, Gary S.; Theroux, Pierre; O'Rourke, Robert A.; Hagan, Arthur D.; Johnson, Allen D., 122: 568, 1977
- echocardiographic study of the cardiac involvement in rheumatoid arthritis (ab), Hernandez-Lopez, Edgardo; Chahine, Robert A.; Anastasiades, Pantele; Reizner, Albert E.; Lidsky, Martin D., 125: 860, 1977
- echocardiography in mechanical alternans: with a note on the findings in discordant alternans within the left ventricle (ab), D'Cruz, Ivan; Cohen, Howard C.; Prabhu, Ravindra; Glick, Gerald, 122: 570, 1977
- echocardiography in the diagnosis of hypertrophic obstructive cardiomyopathy (ab), Shah, Pravin M., 125: 0573, 1977
- echocardiography. 2nd ed. (bk rev), Feigenbaum, Harvey. Reviewed by Winsberg, Fred, 124: 470, 1977
- echocardiography of cardiac valves in pericardial effusion (ab), Nanda, Navin C.; Gramiak, Raymond; Gross, Charles M., 123: 541, 1977
- echocardiography of double outlet right ventricle: new diagnostic criteria, Yeh, Hsu-Chong; Wolf, Bernard S.; Steinfield, Leonard; Baron, Murray G., 123: 435, 1977
- echocardiography of premature infants with pulmonary disease: noninvasive method for detecting large ductal left-to-right shunts, Laird, W. Pennock; Fixler, David E., 122: 455, 1977
- echocardiography of the aortic root (ab), Dillon, James C., 125: 574, 1977
- echophonocardiographic studies of contribution of atrioventricular valves to first heart sound (ab), Mills, Peter G.; Chamusco, Roger F.; Moos, Sally; Craig, Ernest, 123: 832, 1977
- echocardiographic measurement of right ventricular wall thickness: new application of subphixoid echocardiography (ab), Matsukubo, Haruo; Matsuura, Tohru; Endo, Naoto; Asayama, Jun; Watanabe, Toshimitsu; Furukawa, Keizo; Kunishige, Hiroshi; Katsume, Hiroshi; Ijichi, Hamao, 125: 859, 1977
- effect of respiratory motion on the echocardiogram (ab), Fenichel, Nathan M.; Arora, Jodh; Khan, Rahman; Antoniou, Constantinos; Ahuja, Sashi; Thompson, Eugene J., 122: 570, 1977
- effect of the Valsalva maneuver on echocardiographic dimensions in man (ab), Robertson, David; Stevens, Rose Marie; Friesinger, Gottlieb C.; Oates, John A., 125: 287, 1977
- false-positive echocardiographic diagnosis of pericardial effusion: result of tumor encasement of the heart simulating constrictive pericarditis (ab), Foote, William C.; Jefferson, Christina M.; Price, Herman L., 124: 861, 1977
- hypercontractile cardiac states simulating hypertrophic cardiomyopathy (ab), Come, Patricia C.; Bulkley, Bernadine H.; Goodman, Zachary D.; Hutchings, Grover M.; Pitt, Bertram; Fortuin, Nicholas J., 125: 287, 1977
- hypereosinophilic syndrome with biventricular involvement (ab), Hall, Jr., Samuel W.; Theologides, Athanasios; From, Arthur H. L.; Gobel, Frederick L.; Fortuny, Ignacio E.; Lawrence, Cheryl J.; Edward, Jesse E., 124: 283, 1977
- infected atrial myxoma (ab), Graham, H. Vondale; vonHartitzsch, Barry; Medina, Jose R., 122: 861, 1977
- interventricular septal motion and left ventricular function after coronary bypass surgery: evaluation with echocardiography and radionuclide angiography (ab), Righetti, Alberto; Crawford, Michael H.; O'Rourke, Robert A.; Schelbert, Heinz; Daily, Pat O.; Ross, Jr., John, 124: 861, 1977
- left ventricular function by echocardiography in children with fixed aortic stenosis (ab), Johnson, Gregory L.; Meyer, Richard A.; Schwartz, David C.; Korfhagen, Joan; Kaplan, Samuel, 122: 861, 1977
- left ventricular function in massive pulmonary embolism (ab), Alpert, Joseph S.; Francis, Gary S.; Vieweg, W. V. R.; Thompson, S. I.; Stanton, K. C.; Hagan, Arthur D., 123: 831, 1977
- left ventricular performance in the critically ill premature infant with patent ductus arteriosus and pulmonary disease (ab), Baylen, Barry; Meyer, Richard A.; Korfhagen, Joan; Benzing, III, George;

- Bubb, Maurice E.; Kaplan, Samuel, 124: 282, 1977
- mechanism of abnormal septal motion in patients with right ventricular volume overload: a cross-sectional echocardiographic study (ab)**, Weyman, Arthur E.; Wann, Samuel; Feigenbaum, Harvey; Dillon, James C., 122: 568, 1977
- M-mode echocardiography in evaluating left ventricular function and surgical risk in patients with coronary artery disease (ab)**, Corya, Betty C.; Rasmussen, Susan; Knoebel, Suzanne B.; Feigenbaum, Harvey, 125: 859, 1977
- noninvasive visualization of the left main coronary artery by cross-sectional echocardiography (ab)**, Weyman, Arthur E.; Feigenbaum, Harvey; Dillon, James C.; Johnston, Kenneth W.; Eggleton, Reginald C., 122: 568, 1977
- paradoxical motion of interventricular septum with right ventricular dilatation in the absence of shunting: report of two cases (ab)**, Bahler, Alan S.; Meller, Jose; Brik, Henry; Herman, Michael V.; Teichholz, Louis Evan, 122: 861, 1977
- patent ductus arteriosus in preterm infants with idiopathic respiratory distress syndrome: radiographic and echocardiographic evaluation**, Higgins, Charles B.; Rausch, James; Friedman, William F.; Hirschklau, Michael J.; Kirkpatrick, Stanley E.; Goergen, Thomas G.; Reinke, Robert T., 124: 189, 1977
- peripheral venous contrast echocardiography (ab)**, Seward, James B.; Tajik, Abdul J.; Hagler, Donald J.; Ritter, Donald G., 124: 577, 1977
- prevalence and characteristics of disproportionate ventricular septal thickening in patients with acquired or congenital heart diseases: echocardiographic and morphologic findings (ab)**, Maron, Barry J.; Clark, Chester E.; Henry, Walter L.; Fukuda, Toyoki; Edwards, Jesse E.; Mathews, Jr., Emmett C.; Redwood, David R.; Epstein, Stephen E., 124: 576, 1977
- principles of echocardiography (ab)**, Feigenbaum, Harvey, 125: 573, 1977
- quantitative echocardiographic study of champion childhood swimmers (ab)**, Allen, Hugh D.; Goldberg, Stanley J.; Sahn, David J.; Schy, Nancy; Wojcik, Ruth, 124: 284, 1977
- reliability of echocardiography in the diagnosis of infective endocarditis**, Thomson, Kenneth R.; Nanda, Navin C.; Gramiak, Raymond, 125: 473, 1977
- Report of Inter-Society Commission for Heart Disease Resources: optimal resources for ultrasonic examination of the heart (ab)**, Gramiak, Raymond; Fortuin, Nicholas J.; King, Donald L.; Popp, Richard L.; Feigenbaum, Harvey, 123: 543, 1977
- suprasternal notch echocardiography: assessment of its clinical utility in pediatric cardiology (ab)**, Allen, Hugh D.; Goldberg, Stanley J.; Sahn, David J.; Ovitt, Theron W.; Goldberg, Barry B., 125: 287, 1977
- systemic thickening and thinning of septum and posterior wall in patients with coronary artery disease, congestive cardiomyopathy, and atrial septal defect (ab)**, Corya, Betty C.; Rasmussen, Susan; Feigenbaum, Harvey; Knoebel, Suzanne B.; Black, Mary Jo, 123: 832, 1977
- toward automation of echocardiography**, Chu, Wei-Kom; Chandraratna, P. A. N.; Raeside, David E.; Brown, Ross E.; Poehlman, Harold, 123: 795, 1977
- two-dimensional echocardiographic assessment of vegetative endocarditis (ab)**, Gilbert, Brian W.; Henry, Robyn S.; Crawford, Fred; McClellan, Joseph; Gallis, Harry A.; Johnson, Michael L.; Kisslo, Joseph A., 124: 283, 1977
- ultrasonic aortography: unexpected findings (AJR)**, Lee, Timothy G.; Henderson, Sidney C., 128: 273, 1977
- ultrasonic features of mitral annulus calcification: report of 21 cases**, Curati, Walter L.; Pettitclerc, Robert; Winsberg, Fred, 122: 215, 1977
- unusual echocardiographic manifestation of pericardial effusion (ab)**, Green, David A.; Kleid, Jack J.; Naidu, Srimalu, 123: 831, 1977
- ventricular septal defect complicating acute myocardial infarction: echocardiographic demonstration confirmed by angiocardiograms and surgery (ab)**, Kerin, Nicholas Z.; Edelstein, Josef; DeRue, Robert G., 122: 862, 1977
- Heart, valves**  
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- Mitral valve: Tricuspid valve**  
echocardiographic assessment of level of cardiac compensation in valvular heart disease (ab), Rosenblatt, Andrew; Clark, Ralph; Burgess, Judith; Cohn, Keith, 123: 541, 1977
- echocardiography of cardiac valves in pericardial effusion (ab), Nanda, Navin C.; Gramiak, Raymond; Gross, Charles M., 123: 541, 1977
- reliability of echocardiography in the diagnosis of infective endocarditis, Thomson, Kenneth R.; Nanda, Navin C.; Gramiak, Raymond, 125: 473, 1977
- Heart, volume**  
approximation of the left ventricle by a cone of revolution using biplane measurements, Beranek, Ivo; Moore, Richard; Kim, Sung; Amplatz, Kurt, 125: 597, 1977
- correlation between chest film and angiographic assessment of left ventricular size (AJR), Chikos, Paul M.; Figley, Melvin M.; Fisher, Lloyd, 128: 367, 1977
- echocardiographic measurement of cardiac output using the mitral valve and aortic root echo (ab), Lalani, Akbar V.; Lee, Simon J. K., 123: 257, 1977
- evaluation of cardiac size and chronic bronchitis and pulmonary emphysema (ab), Murphy, Marvin L.; Boger, James; Adamson, Jr., James S.; Rubin, Sanford, 125: 566, 1977
- right and left ventricular volumes and wall measurements: determination by computed tomography in arrested canine hearts (AJR), Miller, Stephen W.; Dinsmore, Robert E.; Wittenberg, Jack; Maturi, Richard A.; Powell, Jr., W. John, 129: 257, 1977
- visual assessment of total heart volume and specific chamber size from standard chest radiographs (AJR), Chikos, Paul M.; Figley, Melvin M.; Fisher, Lloyd, 128: 375, 1977
- Helium, radioactive**  
variation of the relative biologic effectiveness with tumor size using accelerated helium ions (ab), Shaeffer, J.; El-Mahdi, A. M.; Aceto, Jr., H.; Constable, W. C., 124: 285, 1977
- Hemangioblastoma**  
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- Hemangioendothelioma**  
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- Hemangioma**  
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- Hemangiopericytoma**  
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- other malignant tumors of the lung (SR), Greene, Reginald; McLoud, Theresa C.; Stark, Paul, 12: 225, 1977
- Hemangiosarcoma**  
hemangiosarcoma of the spleen with liver metastases: angiographic manifestations, Kishikawa, Takashi; Numaguchi, Yuji; Tokunaga, Mitsuo; Matsuura, Keichi, 123: 31, 1977
- Hematoma**  
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- Hematopoiesis, extramedullary**  
extramedullary hematopoiesis in Paget's disease of bone (AJR), Kadir, Saadoun; Kalisher, Lester; Schiller, Alan L., 129: 493, 1977
- Hemochromatosis**  
radiodense liver in transfusion hemochromatosis (AJR), Smith, Wilbur L.; Quattronani, Frank, 128: 316, 1977
- Hemodialysis**  
early radiographic manifestations of secondary hyperparathyroidism associated with chronic renal disease, Jensen, Pamela S.; Kliger, Alan S., 125: 645, 1977
- radiological/pathological correlations in uremic bone disease, Debnam, James W.; Bates, Margaret L.; Kopelman, Robert C.; Teitelbaum, Steven L., 125: 653, 1977
- Hemophilia**  
pseudotibiotalar slant: positioning artifact, Bigongiari, Lawrence R., 122: 669, 1977
- spinal cord compression and hematoma: unusual complication in a hemophilic infant (AJR), Cromwell, Laurence D.; Kerber, Charles; Ferry, Peggy C., 128: 847, 1977
- Hemoptysis**  
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- Hemorrhage**  
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- Hemoch-Scholein disease**  
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- Heparin**  
healing of deep venous thrombosis: venographic findings in a randomized study comparing streptokinase and heparin (AJR), Rosch, Josef; Dotter, Charles T.; Seaman, Arthur J.; Porter, John M.; Common, Herbert H., 127: 553, 1976
- Hepatitis**  
diagnosis of cirrhosis and hepatitis by quantitative hepatic and other reticuloendothelial clearance rates (ab), DeNardo, Sally J.; Bell, George B.; DeNardo, Gerald L.; Caretta, Robert F.; Scheibe, Paul O.; Imperato, Thomas J.; Jackson, Peter E., 122: 573, 1977
- neonatal hepatic calcification secondary to transplacental infection, Shackelford, Gary D.; Kirks, Donald R., 122: 753, 1977
- Hernia**  
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- Hernia, diaphragmatic**  
delayed appearance of left-sided diaphragmatic hernia in infancy (ab), Hurdiss, Lawrence W.; Taybi, Hooshang; Johnson, L. Morris, 123: 823, 1977
- esophago-gastric invagination in patients with sliding hiatus hernia (ab), Ghahremani, Gary G.; Collins, Phillip A., 123: 823, 1977
- gastro-oesophageal reflux, hiatus hernia and the radiologist, with special reference to children (ab), Steiner, G. M., 125: 568, 1977
- heartburn: role of radiology (ab), Wolf, Bernard S., 122: 565, 1977
- intrapericardial diaphragmatic hernia, Wallace, David B., 122: 596, 1977
- un suspected pulmonary vascular abnormalities associated with diaphragmatic hernia (ab), Naeye, Richard L.; Shochat, Stephen J.; Whitman, Victor; Maisels, M. Jeffrey, 123: 821, 1977
- Hernia, hiatal**  
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- Hernia, inguinal**  
post-herniorrhaphy suture granuloma simulating a bladder neoplasm, Helms, Clyde A.; Clark, Robert E., 124: 56, 1977
- Herpes simplex**  
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- neonatal hepatic calcification secondary to transplacental infection, Shackelford, Gary D.; Kirks, Donald R., 122: 753, 1977
- Hip**  
subchondral cysts (geodes) in arthritic disorders: pathologic and radiographic appearance of the hip joint (AJR), Resnick, Donald; Niwayama, Gen; Coutts, Richard D., 128: 799, 1977
- unilateral reflex sympathetic algoneurodystrophy of the hip: three cases (ab), Batisse, R.; Doury, P.; Pattin, S.; Garreta, L., 124: 279, 1977
- Hip, angiography**  
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- Hip, arthrography**  
arthrography in the diagnosis of unexplained chronic hip pain with regional osteopenia (AJR), Murphy, William A.; Siegel, Marilyn J.; Gilula, Louis A., 129: 283, 1977
- arthrography in total hip prosthesis complications (ab), Gelman, Martin I., 122: 281, 1977
- Hip, blood supply**  
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- Hip, diseases**  
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- Hip, dislocation**  
automated diagnosis of congenital dislocation of the hip, Endo, Masahiro; Ihnura, Takeshi A.; Umegaki, Yoichiro; Tatenno, Yukio; Tanaka, Hitoshi; Tsuchiya, Keiichi, 122: 25, 1977
- Hip, effects of irradiation**  
slipped femoral capital epiphysis as a sequela to childhood irradiation for malignant tumors, Wolf, Ellen L.; Berdon, Walter E.; Cassidy, J. Robert; Baker, David H.; Freiburger, Robert H.; Pavlov, Helene, 125: 781, 1977



- Hip, necrosis**  
chondrolysis following slipped capital femoral epiphysis, El-Khoury, Georges; Mickelson, Michael R., 123: 327, 1977  
superselective angiography of the hip: technique, normal features, and early results in idiopathic necrosis of the femoral head, Theron, Jacques, 124: 649, 1977
- Hippel-Lindau syndrome**  
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- Hip, prosthesis**  
arthrography in total hip prosthesis complications (ab), Gelman, Martin I., 122: 281, 1977  
concomitant dislocation and the intra-articular foreign body: rare complication of the Charnley total hip arthroplasty (ab), Campbell, Robert E.; Marvel, Jr., James P., 122: 858, 1977  
metal-cement interface in total hip prostheses (AJR), DeSmet, Arthur A.; Kramer, David; Martel, William, 129: 279, 1977
- Hip, radiography**  
modified lateral projection for anterior and posterior lips of the acetabulum, Quackenbush, Dana; DiDonato, Richard; Butler, Deborah, 125: 536, 1977
- Histiocytoma**  
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- Histiocytosis**  
lymphography in malignant histiocytosis: case report (ab), Musumeci, R.; Castellino, R. A., 122: 563, 1977  
myelosclerosis and myelofibrosis in treated histiocytosis-X (AJR), Pinckney, Lee; Parker, Bruce R., 129: 521, 1977  
pulmonary involvement by histiocytosis X in the pediatric age group (ab), Carlson, Richard A.; Hattery, Robert B.; O'Connell, Edward J.; Fontana, Robert S., 122: 276, 1977  
radiographic manifestations of malignant histiocytosis (AJR), Dunnick, N. Reed; Parker, Bruce R.; Warnke, Roger A.; Castellino, Ronald A., 127: 611, 1976  
radiological manifestations of disseminated histiocytosis X in adults (ab), Burgener, Francis A., 125: 858, 1977
- Histoplasmosis**  
Fibrous mediastinitis: late manifestation of mediastinal histoplasmosis, Wieder, Sheldon; Rabinowitz, Jack G., 125: 305, 1977  
*Histoplasma capsulatum* as a cause of ileocolitis (AJR), Haws, Claude C.; Long, Robert F.; Caplan, Gerald E., 128: 692, 1977
- Hodgkin's disease**  
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arteriography of retroperitoneal lymphoma (ab), Levin, David C.; Gordon, David H.; Kinkhabwala, Mahesh; Becker, Joshua A., 122: 856, 1977  
diagnostic reliability of lymphography in Hodgkin's disease (ab), Zaunbauer, W.; Haertel, M.; Fuchs, W. A., 124: 576, 1977  
fatal radiation pneumonia following subclinical busulfan injury (AJR), Soble, Allen R.; Perry, Harold, 128: 15, 1977  
Hodgkin's disease following thorium dioxide angiography (ab), Gotlieb, Avrum I.; Kirk, Mary Ellen; Hutchison, J. L., 123: 548, 1977  
other malignant tumors of the lung (SR), Greene, Reginald; McLoud, Theresa C.; Stark, Paul, 12: 225, 1977  
use of signal detection theory in examining the results of a contrast examination: case study using the lymphangiogram, McNeil, Barbara J.; Weber, Eric; Harrison, Dewey; Hellman, Samuel, 123: 613, 1977
- Hodgkin's disease, complications**  
pulmonary alveolar proteinosis: its association with hematologic malignancy and lymphoma, Carnovale, Richard L.; Zornoza, Jesus; Goldman, Arnold M.; Luna, Mario, 122: 303, 1977
- Hodgkin's disease, complications and sequelae**  
pulmonary, pleural, and thoracic changes complicating chemotherapy, Tucker, Arthur S.; Newman, Arthur J.; Alvarado, Carlos, 125: 805, 1977
- Hodgkin's disease, diagnosis**  
pediatric Hodgkin's disease. I. radiographic evaluation (ab), Parker, Bruce R.; Castellino, Ronald A.; Kaplan, Henry S., 123: 260, 1977  
repeat lymphography in children with Hodgkin's disease (ab), Castellino, Ronald A.; Bergiron, Charles; Markovits, Paul, 123: 541, 1977
- Hodgkin's disease, radionuclide diagnosis**  
clinical usefulness of  $^{67}\text{Ga}$  scanning in the malignant lymphomas (ab), McCaffrey, Joyce A.; Rudders, Richard A.; Kahn, Paul C.; Harvey, Harold A.; DeLellis, Ronald A., 122: 574, 1977
- Hodgkin's disease, staging**  
biopsy of the nasopharynx as a staging procedure in Hodgkin's disease (ab), Bjorklund, A.; Cavallini-Stahl, Eva; Landberg, Trosten; Lingberg, L. G.; Akerman, M., 124: 862, 1977  
computed tomography as an adjunct in the staging of Hodgkin's disease and non-Hodgkin's lymphomas, Redman, Helen C.; Glatstein, Eli; Castellino, Ronald A.; Federal, W. Aubrey, 124: 381, 1977  
laparoscopy and laparotomy in staging Hodgkin's and non-Hodgkin's lymphoma (AJR), Veronesi, U.; Spinelli, P.; Bonadonna, G.; Gennari, L.; Bajetta, E.; Beretta, G.; Tancini, G., 127: 501, 1976  
routine full-lung tomography in initial staging and treatment planning of patients with Hodgkin's disease and non-Hodgkin's lymphoma (ab), Castellino, Ronald A.; Filly, Roy; Blank, Norman, 123: 822, 1977  
scintigraphic evaluation of lymphoma: comparative study of  $^{67}\text{Ga}$ -citrate and  $^{111}\text{In}$ -bleomycin, Bekerman, Carlos; Moran, Edgar M.; Hoffer, Paul B.; Hendrix, Ronald W.; Gottschalk, Alexander, 123: 687, 1977  
stages I-III Hodgkin's disease in children: results of staging and treatment (ab), Botnick, Leslie E.; Goodman, Robert; Jaffe, Norman; Filler, Robert M.; Cassady, J. Robert, 124: 578, 1977
- Hodgkin's disease, therapeutic radiology**  
clinical course after mantle treatment of non-laparotomized patients with Hodgkin's disease (ab), Baldertorp, L.; Landberg, Trosten; Svahn-Tapper, Gudrun, 124: 285, 1977  
Hodgkin's disease: evaluation of radiotherapy results (ab), Roberts, S. J.; Roeser, H. P.; Kynaston, B.; Whitaker, S. V.; Hocker, G. A., 124: 864, 1977  
mantle treatment of Hodgkin's disease: results and side effects (ab), Svahn-Tapper, Gudrun; Baldertorp, L.; Landberg, Trosten, 124: 863, 1977  
modified radiation therapy regimen for Hodgkin's disease in the third trimester of pregnancy (AJR), Conley, Joe G.; Jacobson, Ahren, 128: 666, 1977  
results of involved field and extended field radiotherapy in patients with pathologic stage I and II Hodgkin's disease (AJR), Miller, J. Bruce; Moran, Edgar M.; Desser, Richard K.; Griem, Melvin L.; Ullmann, John E., 127: 833, 1976  
single port technique of mantle field treatment in Hodgkin's disease using very high energy x-ray beams, Bhatnagar, Jagdish P.; Feldman, Merrill I., 123: 798, 1977  
stages I-III Hodgkin's disease in children: results of staging and treatment (ab), Botnick, Leslie E.; Goodman, Robert; Jaffe, Norman; Filler, Robert M.; Cassady, J. Robert, 124: 578, 1977  
upper extremity lymphangiography in the radiation therapy of lymphomas and carcinoma of the breast, Weisenburger, Thomas H.; Juillard, Guy J. F., 122: 227, 1977
- Hodgkin's disease, therapy**  
Hodgkin's disease: multidisciplinary contributions to the conquest of a neoplasm. Erskine Memorial Lecture, 1976, Kaplan, Henry S., 123: 551, 1977  
pediatric Hodgkin's disease. II. results of therapy (ab), Donaldson, Sarah S.; Glatstein, Eli; Rosenberg, Saul A.; Kaplan, Henry S., 123: 260, 1977  
pulmonary, pleural, and thoracic changes complicating chemotherapy, Tucker, Arthur S.; Newman, Arthur J.; Alvarado, Carlos, 125: 805, 1977
- Hodgkin's disease, ultrasound diagnosis**  
accuracy of retroperitoneal ultrasonography in Hodgkin's disease and non-Hodgkin's lymphoma, Brascho, Donn J.; Durant, John R.; Green, Lawrence E., 125: 485, 1977
- Hormones**  
estrogen therapy: causal role in endometrial cancer? (AJR), Rutledge, Felix N., 127: 897, 1976  
hand radiographic measurements in growth hormone deficiency before and after treatment (AJR), Hernandez, Ramiro; Poznanski, Andrew K.; Kelch, Robert P.; Kuhns, Lawrence R., 129: 487, 1977
- Horner-Bernard syndrome**  
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- Humerus**  
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injuries of the medial epicondylar ossification center of the humerus (AJR), Chessare, Joseph W.; Rogers, Lee F.; White, Harvey; Tachdjian, Mihan O., 129: 49, 1977  
simple bone cysts: factors of age dependency, Norman, Alex; Schiffman, Michael, 124: 779, 1977
- Hyaline membrane disease**  
See Respiratory distress syndrome
- Hydatidiform mole**  
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- Hydrocephalus**  
central canal of the spinal cord in experimental hydrocephalus: preliminary results, James, Jr., A. Everette; Novak, Gary N.; Strecker, Ernst-Peter; Flor, William J., 125: 417, 1977  
computed cranial tomography and radionuclide cisternography in hydrocephalus (SNM), Harbert, John C.; McCullough, David C.; Schellinger, Dieter, 7: 197, 1977  
evaluation of cerebrospinal fluid production in the development of communicating hydrocephalus, James, Jr., A. Everette; Epstein, Melvin; Novak, Gary; Burns, Barry, 122: 143, 1977  
evaluation of head trauma by computed tomography, Koo, Andrew H.; LaRoque, Robert L., 123: 345, 1977  
facial nevi associated with anomalous venous return and hydrocephalus (ab), Shapiro, Kenneth; Shulman, Kenneth, 122: 851, 1977  
radiology of cysticercosis of the central nervous system including computed tomography, Carbajal, Jesus Rodriguez; Palacios, Enrique; Azar-Kia, Behrooz; Churchill, Robert, 125: 127, 1977
- Hydromyelia**  
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- Hydronephrosis**  
angiography in the differential diagnosis of hydronephrosis (ab), Kauffmann, G.; Seib, U. C., 122: 566, 1977  
arterial hypertension in infants with hydronephrosis: report of six cases (ab), Munoz, Aurea I.; Pascual y Baralt, Jose F.; Melendez, Maria T., 125: 284, 1977  
case of the summer season (hydronephrosis with urine-filled pelvis of less than soft tissue density) (SR), Fisher, Mary S., 12: 159, 1977  
computed tomography of the kidney, Sagel, Stuart S.; Stanley, Robert J.; Levitt, Robert G.; Geisse, Guillermo, 124: 359, 1977  
microradiographic studies of renal lymphatics, Clark, Richard L.; Cuttino, Jr., John T., 124: 307, 1977  
spontaneous rupture of an iliac artery aneurysm into a ureter: case report and review of the literature (ab), Rennick, John M.; Link, Daniel P.; Palmer, John M., 122: 283, 1977  
urologic abdominal masses in infants and children (ab), Kasper, Thomas E.; Osborne, Jr., Robert W.; Semerdjian, Hrant S.; Miller, Harry C., 122: 860, 1977
- Hydrothorax**  
thoracic and abdominal extravasation: complication of hyperalimentation in infants (AJR), Spriggs, David W.; Brantley, Robert E., 128: 419, 1977
- Hyperlipoproteinemia**  
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- Hyperostosis**  
autosomal dominant osteosclerosis, Gelman, Martin I., 125: 289, 1977  
autosomal dominant osteosclerosis, Gorlin, Robert J.; Glass, Lillian, 125: 547, 1977  
scintigraphic findings in hyperostosis frontalis interna, Hahn, Francis J. Y.; Stine, Earl J.; Schapiro, Rolf L.; Christie, James H., 122: 409, 1977  
Van Buchem disease: case report with nosologic, genetic, and pathologic considerations, Eastman, John R.; Bixler, David, 125: 297, 1977
- Hyperparathyroidism**  
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- Hyperphosphatemia**  
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- Hypertension**  
adrenal venography in patients with suspected endocrine hypertension (ab), Weissleder, H.; Abdelhamid, S.; Kiefer, H.; Schmarsow, R., 122: 283, 1977  
arterial hypertension in infants with hydronephrosis: report of six cases (ab), Munoz, Aurea I.; Pascual y Baralt, Jose F.; Melendez, Maria T., 125: 284, 1977  
chest x-ray in acute left ventricular power

- failure: aid to determining prognosis of patients supported by intra-aortic balloon pumping (ab), Cascade, Phillip N.; Kantrowitz, Adrian; Wajszuk, Waldemar J.; Rubenfire, Melvin, 123: 536, 1977
- computerized tomography and benign intracranial hypertension (ab), Delaney, Peyton; Schellinger, Dieter, 122: 559, 1977
- embolic control of hypertension caused by segmental renal artery stenosis (ab), Reuter, Stewart R.; Pomeroy, Paul R.; Chuang, Vincent P.; Cho, Kyung J., 127: 389, 1976
- hyperreninemic hypertension in infant secondary to pelviureteric obstruction treated successfully by surgery (ab), Carella, Joseph A.; Silber, I., 123: 828, 1977
- neonatal renal arterial embolism syndrome (ab), Durante, Dennis; Jones, David; Spitzer, Roger, 124: 574, 1977
- pulmonary hypertension in the perinatal aspiration syndromes (ab), Fox, William W.; Gewitz, Michael H.; Dinwiddie, Robert; Drummond, Willa H.; Peckham, George J., 124: 854, 1977
- renal venographic findings in 29 kidneys with fibromuscular dysplasia of the renal artery, Ekelund, Leif; Gerlock, A. James; Goncharenko, Victor; Francis, Robert, 125: 631, 1977
- renovascular hypertension in neurofibromatosis: occurrence of multiple abdominal and cerebral vascular changes (ab), Rosenbusch, G.; Hoefnagels, W. H. L.; Koene, R. A. P.; Penn, Wm.; Thijssen, H. O. M., 125: 278, 1977
- reversible renal hypertension secondary to renal arteriovenous fistula and renal cell carcinoma (ab), Moore, Michael A.; Philipp, Paul J., 123: 827, 1977
- sonography of the Page kidney (ab), Conrad, Melvyn R.; Freedman, Matthew; Weiner, Charles; Freeman, Coy; Sanders, Roger C., 122: 571, 1977
- spectrum of angiographically demonstrable renal pathology in young hypertensive patients, Harper, Ada Patricia; Yune, Heun Y.; Franken, Jr., Edmund A., 123: 141, 1977
- Hypertension**
- cellular responses to combinations of hyperthermia and radiation, Dewey, W. C.; Hopwood, L. E.; Sapareto, S. A.; Gerweck, L. E., 123: 463, 1977
- conference on hyperthermia (Madison, Wis.), 122: 510, 1977
- hyperthermic effects on animal tissues, Suit, Herman D., 123: 483, 1977
- hyperthermic effects on DNA repair mechanisms, Corry, Peter M.; Robinson, Sandra; Getz, Susan, 123: 475, 1977
- influence of hypoxia and acidity on hyperthermic response of malignant cells *in vitro*, Overgaard, Jens; Bichel, Peter, 123: 511, 1977
- prospects for hyperthermia in human cancer therapy: part I: hyperthermic effects in man and spontaneous animal tumors, Miller, Robert C.; Connor, William G.; Heusinkveld, Robert S.; Boone, Max L. M., 123: 489, 1977
- prospects for hyperthermia in human cancer therapy: part II: implications of biological and physical data for applications of hyperthermia to man, Connor, William G.; Gerner, Eugene W.; Miller, Robert C.; Boone, Max L. M., 123: 497, 1977
- response of extremely hypoxic cells to hyperthermia: survival and oxygen enhancement ratios, Power, Judith A.; Harris, John W., 123: 767, 1977
- sensitization of mouse skin to x irradiation by moderate heating, Stewart, Fiona Anne; Denekamp, Juliana, 123: 195, 1977
- thermal tolerance and repair of thermal damage by cultured cells, Harisiadis, Leon; Sung, Duk Il; Hall, Eric J., 123: 505, 1977
- Hypophosphatemia**
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- Hypopituitarism**
- See Pituitary gland
- Hypothalamus**
- diagnosis of radiosensitive hypothalamic tumors without craniotomy: endocrine and neuroradiologic studies of intracranial atypical teratomas (ab), Spiegel, Allen M.; Di Chiro, Giovanni; Gorden, Philip; Ommaya, Ayub K.; Kolins, Jerry; Pomeroy, Thomas C., 124: 271, 1977
- Hypothyroidism**
- See Thyroid, hypothyroidism
- Hypoxia**
- cellular responses to combinations of hyperthermia and radiation, Dewey, W. C.; Hopwood, L. E.; Sapareto, S. A.; Gerweck, L. E., 123: 463, 1977
- clinical phase I study of the hypoxic cell radiosensitizer RO-07-0582, a 2-nitroimidazole derivative, Urtaun, Raul C.; Band, Pierre; Chapman, J. Donald; Rabin, Harvey R.; Wilson, A. Fred; Fryer, Carol G., 122: 801, 1977
- cytotoxic and radiosensitizing effects of 5-thio-D-glucose on hypoxic cells, Song, Chang W.; Clement, Jacob J.; Levitt, Seymour H., 123: 201, 1977
- potentiation of radiation effects in hypoxic HeLa cells, Djordjevic, Bozidar; Dymbort, Giny, 125: 525, 1977
- response of extremely hypoxic cells to hyperthermia: survival and oxygen enhancement ratios, Power, Judith A.; Harris, John W., 123: 767, 1977
- Ichthyosis**
- genetics and cancer of the gastrointestinal system: annual oration in honor of Herbert M. Stauffer, M.D., 1914-1970, Dodd, Gerald D., 123: 263, 1977
- Ileocecal valve, prolapse**
- retrograde prolapse of the ileocecal valve (AJR), Hatten, Jr., H. Paul; Mostowicz, Leonidas; Hagihara, Patrick F., 128: 755, 1977
- Ileum**
- See Intestines
- Image degradation**
- wide-field resolution in radiography, Klein, David J.; Bergeron, R. Thomas; Bernstein, Hyman, 122: 811, 1977
- Imaging**
- See Radiographs; Radiography; Radionuclide imaging
- Immunity**
- See also Gamma globulins
- adjuvant chemioimmunotherapy in advanced lesions of head and neck (ab), Eilber, Frederick R.; Morton, Donald L., 122: 862, 1977
- carcinoembryonic antigen (CEA) monitoring of radiation therapy for colorectal cancer (AJR), Sugarbaker, Paul H.; Bloomer, William D.; Corbett, Ellen D.; Chaffey, John T., 127: 641, 1976
- chest x-ray findings in immunosuppressed children presenting with dyspnoea (ab), Sweet, Elizabeth M.; Willoughby, M. L. N., 125: 278, 1977
- childhood hypersensitivity pneumonitis due to dove antigens (ab), Cunningham, Allan S.; Fink, Jordan N.; Schlueter, Donald P., 122: 851, 1977
- chondro-osseous dysplasia of adenose deaminase deficiency with severe combined immunodeficiency (ab), Cederbaum, Stephen D.; Kaitila, Ilkka; Rimoin, David L.; Steihm, E. Richard, 124: 278, 1977
- clinical application of CEA (Nice, France), 123: 184, 1977
- combined radiotherapy and *Corynebacterium parvum* treatment of a murine fibrosarcoma, Collins, Amy L. Tsui; Song, Chang Won, 125: 235, 1977
- effect of different cancer treatment methods on immunity to an antigenic transplantable murine fibrosarcoma (Meth A) (AJR), Khafagy, Medhat; Wanebo, Harold J.; Alfieri, Alan; Hahn, Eric W., 128: 1027, 1977
- immunologic approach to tumor imaging (ab), Spar, Irving L., 122: 575, 1977
- immunologic competence in adults following thymic irradiation in infancy, Ammann, Arthur J.; Wara, William M.; Wara, Diane W.; Phillips, Theodore L., 124: 209, 1977
- immunotherapy of malignancies: current status (ab), Eilber, Frederick R.; Holmes, E. Carmack; Morton, Donald L.; Ramming, Kenneth P.; Sparks, Frank C., 122: 864, 1977
- interstitial pneumonia in the immuno-depressed child (ab), Sibhi, A.; Lallemand, D.; Sauvegrain, J., 124: 854, 1977
- pulmonary infection in the compromised host: part I (ab), Williams, D. M.; Krick, J. A.; Remington, J. S., 122: 561, 1977
- pulmonary infection in the compromised host: part II (ab), Williams, D. M.; Krick, J. A.; Remington, J. S., 122: 561, 1977
- serial studies of immunocompetence in head and neck cancer patients undergoing radiation therapy (ab), Stefani, Stefano; Kerman, Ronald; Abbate, Joseph, 122: 287, 1977
- Immunity, radioimmunotherapy**
- carcinoembryonic antigen in patients treated with radiation therapy for invasive squamous cell carcinoma of the uterine cervix (AJR), Donaldson, E.; Van Nagell, Jr., J. R.; Wood, E. G.; Pletsch, Q.; Goldenberg, D. M., 127: 829, 1976
- guide wire thrombogenicity measured by fibrinopeptide A radioimmunoassay (AJR), Casarella, William J.; Wilner, George D., 128: 363, 1977
- postgraduate course on the chest (Salt Lake City, Utah), Schwartz, Emanuel E.; Teplick, J. George; Onesti, Gaddo; Schwartz, Allan B., 122: 39, 1977
- radioimmunoassay symposium (Tampa, Fla.), 124: 176, 1977
- Immunoglobulin deficiency syndrome**
- See Gamma globulins
- Immunoglobulins**
- See Gamma globulins
- Indium, radioactive**
- metrizamide—CSF contrast medium: analysis of clinical application in 215 patients, Lin, Max S., 123: 783, 1977
- Infants**
- See also Children; Infants, newborn; Infants, premature; Pediatric radiology; and under names of diseases and organs, as Brain, abnormalities
- Infants, digestive system**
- early diagnosis of necrotizing enterocolitis (AJR), Siegle, Robert L.; Rabinowitz, Jack G.; Korones, Sheldon B.; Eyal, Fabian G., 122: 629, 1976
- fiberoptic endoscopy and upper gastrointestinal series: comparative analysis in infants and children (AJR), Gypes, Michael T.; Smith, Lorraine E.; Ament, Marvin E., 128: 53, 1977
- radiology of the alimentary tract in infants and children, volume 10 of Saunders Monographs in clinical radiology, 2nd ed. (bk rev), Singleton, Edward B.; Wagner, Milton L.; Dutton, Robert V., Reviewed by Franken, Jr., Edmund A., 124: 462, 1977
- Infants, newborn**
- production of a permanent radiographic record of transillumination of the neonate, Martin, Allen J.; Kuhns, Lawrence R.; Gutowski, Diana; Poznanski, Andrew K., 122: 540, 1977
- Infants, newborn, cardiovascular system**
- thick blood syndrome, Wesenberg, Richard L.; Rumack, Carol M.; Lubchenco, Lula O.; Wirth, Frederick H.; McGuinness, Gail A.; Tomlinson, Alan L., 125: 181, 1977
- Infants, newborn, digestive system**
- cholecystitis and hydrops of the gallbladder in the newborn, Robinson, Arvin E.; Erwin, James H.; Wiseman, Hollis J.; Kodroff, Michael B., 122: 749, 1977
- evaluation of the atretic distal esophageal segment, Oh, Kook Sang; Khouri, Nagi F., 124: 260, 1977
- incompetence of the sphincter of Oddi in the newborn: report of two cases (AJR), Atkinson, George O.; Gay, Jr., Brit B.; Patrick, John Warren; Vanderzalm, Theodora, 128: 861, 1977
- neonatal colon: anatomic approach to plain films (AJR), Kleinman, Paul K.; Winchester, Patricia; Meyers, Morton A.; Abbott, Gerald, 128: 61, 1977
- Infants, newborn, musculoskeletal system**
- short rib-polydactyly syndrome type 3, Naumoff, Peter; Young, Lionel W.; Mazer, Julius; Amortegui, Antonio J., 122: 443, 1977
- Infants, newborn, respiratory tract**
- See also Respiratory distress syndrome
- diagnosis of oligohydramnios-related pulmonary hypoplasia (Potter syndrome): value of portable voiding cystourethrography in newborns with respiratory distress, Wolf, Ellen L.; Berdon, Walter E.; Baker, David H.; Wigger, H. Joachim; Blanc, William A., 125: 769, 1977
- endotracheal tube displacement in the newborn infant (ab), Todres, I. David; deBros, Frederic; Kramer, Sandra S.; Moylan, Fergus M. B.; Shannon, Daniel C., 122: 560, 1977
- radiographic features of early onset group B streptococcal neonatal sepsis, Ablow, Ronald C.; Gross, Ian; Effmann, Eric L.; Uauy, Ricardo; Driscoll, Shirley, 124: 771, 1977
- radiologic findings in symptomatic neonatal plethora resulting from placental transfusion, Saigal, Saroj; Wilson, Rolla; Usher, Robert, 125: 185, 1977
- thick blood syndrome, Wesenberg, Richard L.; Rumack, Carol M.; Lubchenco, Lula O.; Wirth, Frederick H.; McGuinness, Gail A.; Tomlinson, Alan L., 125: 181, 1977
- thoracic and abdominal extravasation: complication of hyperalimentation in infants (AJR), Spriggs, David W.; Brantley, Robert E., 128: 419, 1977

- unsuspected pulmonary vascular abnormalities associated with diaphragmatic hernia (ab), Naeye, Richard L.; Shochat, Stephen J.; Whitman, Victor; Maisels, M. Jeffrey, 123: 821, 1977
- Infants, newborn, urinary tract**  
diagnosis of oligohydramnios-related pulmonary hypoplasia (Potter syndrome): value of portable voiding cystourethrography in newborns with respiratory distress, Wolf, Ellen L.; Berdon, Walter E.; Baker, David H.; Wigger, H. Joachim; Blanc, William A., 125: 769, 1977
- Infants, premature, genitourinary system**  
velocity of length and width growth of the kidney in the last trimester of pregnancy, as it pertains to neonatal pediatric radiology (ab), Gonzales, J., 124: 281, 1977
- Infants, respiratory tract**  
two lesser known but useful signs of neonatal pneumothorax (AJR), Swischuk, Leonard E., 127: 623, 1976
- Informed consent**  
informed consent: dialogue (opin), Quimby, Jr., Charles W., 123: 805, 1977  
informed consent: medical decision (II) (opin), Allen, Robert W., 123: 807, 1977
- Interatrial septum**  
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- International Atomic Energy Agency**  
International Atomic Energy Agency on national and international standardization of radiation dosimetry (Atlanta, Ga.), 123: 454, 1977  
symposium on the late biological effects of ionizing radiation (Washington, D.C.), 124: 818, 1977
- Inter-Society Commission for Heart Disease Resources**  
Report of Inter-Society Commission for Heart Disease Resources: optimal resources for ultrasonic examination of the heart (ab), Gramiak, Raymond; Fortuin, Nicholas J.; King, Donald L.; Popp, Richard L.; Feigenbaum, Harvey, 123: 543, 1977
- Intestinal neoplasms**  
lymphosarcoma of the large bowel (ab), Marshak, Richard H.; Maklansky, Daniel; Lindner, Arthur E.; Wolf, Bernard S., 124: 856, 1977  
neonatal intussusception: report of 12 cases, Patriquin, Heidi B.; Afshani, Ehsan; Effman, Eric; Griscom, N. Thorne; Johnson, Frank; Kramer, Sandra S.; Rapp, Keith; Reilly, Bernard J., 125: 463, 1977  
roentgenographic features of American Burkitt's lymphoma, Alford, Bennett A.; Coccia, Peter F.; L'Heureux, Philippe R., 124: 763, 1977  
ulcerative pseudopolypoidosis mimicking neoplasm proximal to a jejunal obstruction (AJR), Eisenberg, Ronald L.; Hedgcock, Marcus W.; Jeffrey, R. Brooke; Montgomery, Carolyn K., 129: 503, 1977
- Intestinal neoplasms, diagnosis**  
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barium enema, proctosigmoidoscopy and upper gastrointestinal series in the preoperative evaluation of the cancer patient (ab), Begley, Demetrius H.; Felix, Edward L.; Sindelar, William F.; Doppman, John L.; Ketcham, Alfred S., 125: 570, 1977  
clinical and roentgen features of the intestinal polyposis syndrome (ab), Dodds, Wylie J., 123: 253, 1977  
diagnosis of gastric malignancy by fiberoptic endoscopy and gastric biopsy: comparison with radiology (ab), Fung, Wye-Poh; Lee, Swee-Kok, 122: 854, 1977  
primary upper small-intestinal lymphoma: a report of 40 cases from Iran (ab), Nasr, Khosrow; Haghighi, Parviz; Bakshandeh, Kiumars; Abadi, Pari; Lahimgarzadeh, A., 122: 852, 1977
- Intestinal neoplasms, secondary**  
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metastatic melanoma presenting clinically as multiple colonic polyps (AJR), Sacks, Barry A.; Joffe, Norman; Antonoli, Donald A., 129: 511, 1977  
radiologic spectrum of melanoma metastatic to the gastrointestinal tract (AJR), Goldstein, Harvey M.; Beydoun, M. Tala; Dodd, Gerald D., 129: 605, 1977  
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- Intestinal neoplasms, therapeutic radiology**  
carcinoembryonic antigen (CEA) monitoring of radiation therapy for colorectal cancer (AJR), Sugarbaker, Paul H.; Bloomer, William D.; Corbett, Ellen D.; Chaffey, John T., 127: 641, 1976  
role of radiation therapy in localized resectable intestinal non-Hodgkin's lymphoma in children (ab), Nelson, Diana F.; Cassidy, J. Robert; Traggis, Demetrius; Baez-Giangreco, Atilio; Vawter, Gordon F.; Jaffe, Norman; Filler, Robert M., 124: 578, 1977
- Intestinal neoplasms, ultrasound diagnosis**  
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- Intestinal tract, radiography**  
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- Intestinal tract, wounds and injuries**  
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- Intestines**  
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- Intestines, abnormalities**  
abnormalities in small intestine contour and caliber: working classification (RCNA), Goldberg, Henry I.; Sheft, Douglas J., 14: 461, 1976  
intraluminal duodenal diverticulum associated with trisomy 21 (AJR), Sampliner, John; Kollins, Stephen A.; Hermann, Robert E., 127: 677, 1976  
mesodiverticular band, Johnson, G. Frank; Verhagen, Arie D., 123: 409, 1977
- Intestines, angiography**  
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- Intestines, blood supply**  
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pneumatosis intestinalis as a complication of jejunoileal bypass (AJR), Wandtke, John; Skucas, Jovitas; Spataro, Robert; Bruneau, Robert J., 129: 601, 1977  
pneumatosis of the bowel secondary to acute iron poisoning: radiological quiz, Smith, Wilbur L.; Franken, Jr., Edmund A.; Grosfeld, Jay L.; Ballantine, Thomas V. N., 122: 192, 1977
- Intestines, dilatation**  
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- Intestines, diseases**  
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benign ulceration of the cecum, Brodey, Philip A.; Hill, Richard P.; Baron, Scott, 122: 323, 1977  
Crohn's disease of the colon: analysis of the diagnostic value of radiology, endoscopy, and histology (ab), Meuwissen, S. G. M.; Pape, Katolina S. B.; Agenant, D.; Oushoorn, H. H.; Tytgat, G. N. J., 122: 280, 1977  
double contrast enema in ulcerative and Crohn's colitis (ab), Fraser, G. M.; Findlay, J. M., 122: 278, 1977
- hepatic angiography in ulcerative colitis and Crohn's disease (ab), Ekelund, Leif; Lunderquist, Anders; Dencker, Hans; Akerman, Mans, 122: 853, 1977  
immunoglobulin disorders of the small bowel (RCNA), Marshak, Richard H.; Lindner, Arthur E.; Maklansky, Daniel, 14: 477, 1976  
localized giant pseudopolypoidosis complicating granulomatous ileocolitis, Wills, John S.; Han, Soo Sung, 122: 320, 1977  
megacolon associated with celiac sprue: report of four cases and review of the literature (AJR), Kappelman, Neil B.; Burrell, Morton; Toffler, Robert, 128: 65, 1977  
neonatal staphylococcal enterocolitis: association with indwelling feeding catheters and *S. aureus* colonization (ab), Gutman, Laura T.; Idriss, Ziad H.; Gehlbach, Stephen; Blackmon, Lillian, 123: 825, 1977  
pathophysiology of enlargement of the small bowel fold (AJR), Olmsted, William W.; Reagin, David E., 127: 423, 1976  
radiological atlas of common diseases of the small bowel (bk rev), Sellink, J. L., Reviewed by Wittenberg, Jack, 125: 612, 1977  
radiological findings in *Yersinia* ileitis, Ekberg, Olle; Sjostrom, Bjorn; Brahme, Folke J., 123: 15, 1977  
roentgenologic abnormalities of the urinary bladder secondary to Crohn's disease (ab), Joffe, Norman, 124: 859, 1977  
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unusual manifestations of Henoch-Scholein syndrome (ab), Byrn, James R.; Fitzgerald, Joseph F.; Northway, James D.; Anand, Sudhir K.; Scott, John R., 124: 569, 1977
- Intestines, diverticula**  
acute diverticulitis in the young adult, Homer, Marc J.; Danford, Richard O., 125: 623, 1977  
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arteriovenous malformation simulating Meckel's diverticulum on <sup>99m</sup>Tc-pertechnetate abdominal scintigraphy, Siddiqui, Aslam; Ryo, U. Yun; Pinsky, Steven M., 122: 173, 1977  
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intraluminal duodenal diverticulum in the adult (ab), Economides, N. G.; McBurney, R. P.; Hamilton, III, F. H., 125: 569, 1977  
intraluminal duodenal diverticulum associated with trisomy 21 (AJR), Sampliner, John; Kollins, Stephen A.; Hermann, Robert E., 127: 677, 1976  
jejunal diverticulitis, Giustra, Peter E.; Killoran, Paul J.; Root, John A.; Ward, William W., 125: 609, 1977  
mesodiverticular band, Johnson, G. Frank; Verhagen, Arie D., 123: 409, 1977  
neonatal intussusception: report of 12 cases, Patriquin, Heidi B.; Afshani, Ehsan; Effman, Eric; Griscom, N. Thorne; Johnson, Frank; Kramer, Sandra S.; Rapp, Keith; Reilly, Bernard J., 125: 463, 1977  
partial small bowel obstruction secondary to ileal diverticulitis, Fisher, James K.; Fortin, David, 122: 321, 1977  
pathogenesis of massively bleeding colonic diverticulosis: new observations (AJR), Meyers, Morton A.; Alonso, Daniel R.; Baer, Jeanne W., 127: 901, 1976  
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- Intestines, effects of irradiation**  
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- Intestines, gas in**  
angiographic assessment of gross anatomy of hepatocellular carcinoma: comparison of celiac angiograms and liver pathology in 100 cases, Kressel, Herbert Y.; Koehler, Robert E.; Holcroft, James, 123: 30, 1977



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pathogenesis of massively bleeding colonic diverticulosis: new observations (AJR), Meyers, Morton A.; Alonso, Daniel R.; Baer, Jeanne W., 127: 901, 1976

pathophysiologic basis for the angiographic signs of vascular ectasias of the colon, Boley, Scott J.; Sprayregen, Seymour; Sammartano, Robert J.; Adams, Anne; Kleinhaus, Sylvain, 125: 615, 1977

transcatheter embolization for treatment of diverticular hemorrhage, Goldberger, Lawrence E.; Bookstein, Joseph J., 122: 613, 1977

vasopressin control of massive hemorrhage in chronic ulcerative colitis (AJR), Cavaluzzi, John A.; Kaufman, Stephen L.; White, Jr., Robert L., 127: 672, 1976

**Intestines, infarction**

barium studies in small-bowel infarction: radiological-pathological correlation, Joffe, Norman; Goldman, Harvey; Antonoli, Donald A., 123: 303, 1977

radionuclide imaging of intestinal infarction, Russin, Lincoln D.; Staab, Edward V., 122: 171, 1977

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"backwash ileitis" with pseudopolypoid (AJR), Gardiner, Geoffrey A., 129: 506, 1977

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necrotizing enterocolitis after open heart surgery employing hypothermia and cardiopulmonary bypass (AJR), Kleinman, Paul K.; Winchester, Patricia; Brill, Paula W., 127: 757, 1976

typhlitis complicating leukemia in an adult: barium enema findings (AJR), Del Fava, Raymond Louis; Cronin, Jr., Thomas Gerald, 129: 347, 1977

**Intestines, mucosa**

so-called ischemic-ulcerative mucosal lesions of prestenotic intestinal processes (ab), Stellanor, K.; Redtenbacher, M.; Kosak, D.; Karonath, H., 125: 855, 1977

**Intestines, necrosis**

scintigraphic diagnosis of ischemic intestine with technetium-99m sulfur colloid-labeled leukocytes, Bardfield, Philip A.; Boley, Scott J.; Sammartano, Robert J.; Bontemps, Robert, 124: 439, 1977

superior mesenteric artery embolization: angiographic emergency, Kaufman, Stephen L.; Harrington, Donald P.; Siegelman, Stanley S., 124: 625, 1977

**Intestines, obstruction**

angiographic diagnosis of small intestinal intussusception, Lande, Adam; Schechter, Lawrence S.; Bole, Prafull V., 122: 691, 1977

balloon obturation bowel obstruction: hazard of drug smuggling (AJR), Freed, T. A.; Sweet, Larry N.; Gauder, Peter J., 127: 1033, 1976

megacystis-microcolon-intestinal hypoperistalsis syndrome: new cause of intestinal obstruction in the newborn. report of radiologic findings in five newborn girls. (ab), Berdon, Walter E.; Baker, David H.; Blanc, William A.; Gay, Britt; Santulli, Thomas V.; Donovan, Carmel, 122: 854, 1977

mesodiverticular band, Johnson, G. Frank; Verhagen, Arie D., 123: 409, 1977

neonatal intussusception: report of 12 cases, Patriquin, Heidi B.; Afshani, Ehsan; Effman, Eric; Griscom, N. Thorne; Johnson, Frank; Kramer, Sandra S.; Rapp, Keith; Reilly, Bernard J., 125: 463, 1977

neonatal small left colon syndrome: its relationship to aganglionosis and meconium plug syndrome, Berdon, Walter E.; Slovis, Thomas L.; Campbell, John B.; Baker, David H.; Haller, Jack O., 125: 457, 1977

partial small bowel obstruction secondary to ileal diverticulitis, Fisher, James K.; Fortin, David, 122: 321, 1977

radiographic evaluation of complications after jejunoileal bypass surgery (AJR), Moss, Albert A.; Goldberg, Henry I.; Koehler, Robert E., 127: 737, 1976

radiologic manifestations of idiopathic intestinal pseudoobstruction (AJR), Schuffler, Michael D.; Rohrmann, Jr., Charles A.; Templeton, Frederic E., 127: 729, 1976

ulcerative pseudopolypoid mimicking neoplasm proximal to a jejunal obstruction (AJR), Eisenberg, Ronald L.; Hedgcock, Marcus W.; Jeffrey, R. Brooke; Montgomery, Carolyn K., 129: 503, 1977

use of prone films for suspected bowel obstruction in infants and children (AJR), Lorenzo, Robert Lee; Harolds, Jay A., 129: 617, 1977

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gastrointestinal perforation without intraperitoneal air-fluid level in neonatal pneumoperitoneum (AJR), Kaufman, Robert A.; Kuhns, Lawrence R.; Poznanski, Andrew K.; Hult, John F., 127: 915, 1976

perforated duodenal ulcer and pneumomediastinum, Stahl, Jessie D.; Goldman, Stanford M.; Minkin, Sanford D.; Diaconis, John N., 124: 23, 1977

peritoneal localization of gallium-67, Perez, Julio; Rivera, Julio V.; Bermudez, Ramon H., 123: 695, 1977

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evaluation of colon cleansing regimens (AJR), Dodds, Wylie J.; Scanlon, Gerard T.; Shaw, Donald K.; Stewart, Edward T.; Youker, James E.; Metter, Gerald E., 128: 57, 1977

radiographic changes after small bowel bypass for morbid obesity (RCNA), Wade, Donald H.; Richards, Victor; Burhenne, H. Joachim, 14: 493, 1976

**Intestines, radionuclide studies**

metrizamide—CSF contrast medium: analysis of clinical application in 215 patients, Lin, Max S., 123: 783, 1977

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radiographic changes after small bowel bypass for morbid obesity (RCNA), Wade, Donald H.; Richards, Victor; Burhenne, H. Joachim, 14: 493, 1976

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**Intestines, ulcers**

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antenatal ultrasonic demonstration of fetal bowel, Lee, Timothy G.; Warren, Bill H., 124: 471, 1977

prenatal fetal abdominal ultrasonography and diagnosis, Lee, Timothy G.; Blake, Susan, 124: 475, 1977

**Intestines, volvulus**

ischemic colitis associated with sigmoid volvulus: new observations (AJR), Meyers, Morton A.; Gahremani, Gary G.; Govoni, Antonio F., 128: 591, 1977

transverse colon volvulus: case reports and review (AJR), Newton, Neil A.; Reines, Howard D., 128: 69, 1977

**Intussusception**

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glucagon-aided reduction of intussusception, Fisher, James K.; Germann, Donald R., 122: 197, 1977

intussusception in twins (ab), Thomas, Gareth G.; Zackary, R. B., 123: 824, 1977

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ultrasonographic appearance of adult intussusception, Weissberg, Daniel L.; Scheible, William; Leopold, George R., 124: 791, 1977

**Iodine and iodine compounds**

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pneumatosis of the bowel secondary to acute iron poisoning: radiological quiz, Smith, Wilbur L.; Franken, Jr., Edmund A.; Grosfeld, Jay L.; Ballantine, Thomas V. N., 122: 192, 1977

reduced uptake of bone seeking radiopharmaceuticals related to iron excess (ab), Parker, J. Anthony; Jones, Alun G.; Davis, Michael A.; McIlmoyle, Gaellan; Tow, Donald E., 124: 579, 1977

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**Jaundice**

accuracy of computed tomography of the liver and biliary tract, Levitt, Robert G.; Sagel, Stuart S.; Stanley, Robert J.; Jost, R. Gilbert, 124: 123, 1977

fine needle transhepatic cholangiography: new approach to obstructive jaundice (AJR), Ferrucci, Jr., Joseph T.; Wittenberg, Jack; Sarno, Robert A.; Dreyfuss, Jack R., 127: 403, 1976

fulminant cholangitis and septicemia after endoscopic retrograde cholangiography (ERC) in two patients with obstructive jaundice (ab), Thurnherr, Nikolaus; Bruhlmann, Werner F.; Krejs, Ginter I.; Bianchi, Leonardo; Faust, Hans; Blum, Andre L., 122: 564, 1977

intermittent dislocation of the liver: syndrome associated with volvulus of the transverse colon and stomach and obstructive jaundice (ab), Miller, Thomas; Thompson, Norman W., 125: 280, 1977

<sup>151</sup>rose bengal scanning and clearance ratios in the investigation of jaundiced patients (ab), Davies, E. R.; Morris, J. N.; Read, A. E.; Powell, N., 123: 548, 1977

jaundice from impacted sediment in a T tube: recognition and treatment (AJR), Jelaso, David V.; Hirschfield, Jan S., 127: 413, 1976

mycotic aneurysm of the hepatic artery causing obstructive jaundice (AJR), Mojab, Kamal; Lim, Leonardo T.; Esfahani, Praydon; Portela, Luiz, 128: 143, 1977

persistent obstructive jaundice, cholangitis, and biliary cirrhosis due to common bile duct stenosis in chronic pancreatitis (ab), Warshaw, Andrew L.; Schapiro, Robert H.; Ferrucci, Jr., Joseph T.; Galdabini, James L., 122: 565, 1977

randomized trial of percutaneous transhepatic cholangiography with the chiba needle versus endoscopic retrograde cholangiography for bile duct visualization in jaundice (ab), Elias, E.; Hamlyn, A. N.; Jain, S.; Long, R. G.; Summerfield, J. A.; Dick, R.; Sherlock, Sheila, 122: 563, 1977

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**Jaws, abnormalities**

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- Jaws, fractures**  
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- Jaws, radiography**  
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anatomic-arthrographic study of the relationships of the lateral meniscus and the popliteus tendon (AJR), Harley, John D., 128: 181, 1977  
aseptic necrosis: complication of dislocation of the metacarpophalangeal joint (AJR), Gilsanz, Vicente; Cleveland, Robert H.; Wilkinson, Robert H., 129: 737, 1977  
Charcot's joint: two new observations (AJR), Harrison, R. Brent, 128: 807, 1977  
chronic synovitis in gout simulating rheumatoid arthritis: demonstration of bilateral popliteal cysts and wrist synovial corrugation (ab), Trentham, David E.; Masi, Alfonso T., 122: 566, 1977  
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- Joints, diseases**  
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radiographic anatomical landmarks of metacarpophalangeal joints, Yeh, Hsu-Chong; Wolf, Bernard S., 122: 353, 1977  
rheumatoid nodulosis: another cause of juxta-articular nodules, Brower, Anne C.; NaPombejara, Chalyakiati; Stechschulte, D. J.; Mantz, Frank; Ketchum, Lynn, 125: 669, 1977  
septic arthritis: complication of rheumatoid arthritis, Gelman, Martin I.; Ward, John R., 122: 17, 1977
- Joints, radiography**  
radiographic anatomical landmarks of metacarpophalangeal joints, Yeh, Hsu-Chong; Wolf, Bernard S., 122: 353, 1977  
simultaneous arthrography of the talocrural and talonavicular joints in children: I. technique (ab), Sahlstedt, B., 124: 278, 1977
- Joints, radionuclide studies**  
quantitative assessment of para-osteoarthropathy and its maturation on serial radionuclide bone images, Tanaka, Toshiyuki; Rossier, Alain B.; Hussey, Robert W.; Ahnberg, Donald S.; Treves, Salvador, 123: 217, 1977
- Joints, sternoclavicular**  
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- Jones, Richard S.**  
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- Keloids**  
keloid scars: new method of treatment combining surgery with interstitial radiotherapy (ab), Malaker, K.; Ellis, F.; Paine, C. H., 123: 545, 1977  
postoperative irradiation in the prevention of keloids (AJR), Levy, David S.; Salter, Merle M.; Roth, Robert E., 127: 509, 1976
- Kidney neoplasms**  
needle tract seeding of renal cell carcinoma (AJR), Bush, Jr., William H.; Burnett, Leland L.; Gibbons, Robert P., 129: 725, 1977  
renal cell carcinoma in a patient successfully treated for Wilms' tumor (AJR), Banner, Marc P.; Blesman, Michael H.; Novicki, Donald E., 128: 77, 1977  
roentgenographic features of American Burkitt's lymphoma, Alford, Bennett A.; Coccia, Peter F.; L'Heureux, Philippe R., 124: 763, 1977
- Kidney neoplasms, angiography**  
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arteriographic findings in inflammatory mass lesions of the kidney (ab), Koehler, P. Ruben; Nelson, James A., 122: 285, 1977  
epinephrine-enhanced renal angiography in renal mass lesions: is it worth performing? (AJR), Bosniak, Morton A.; Ambros, Marjorie A.; Madayag, Manuel A.; Lefleur, Richard S.; Casarella, William J., 129: 647, 1977  
renal adenocarcinoma in adolescence and childhood: emphasis on angiographic findings (ab), Fisher, Richard G.; Granmayeh, Masood; Wallace, Sidney; Johnson, Douglas E., 125: 857, 1977  
renal oncocytoma: angiographic features of two cases, Weiner, Shelley N.; Bernstein, Robert G., 125: 633, 1977  
solitary renal plasmacytoma with palisading tumor vascularity, Siemers, Paul T.; Coel, Marc N., 123: 597, 1977  
vascular specificity in differentiating adrenal carcinoma from renal cell carcinoma, Fritzsche, Peggy; Andersen, Charlene; Cahill, Patrick, 125: 113, 1977
- Kidney neoplasms, blood supply**  
renal oncocytoma: angiographic features of two cases, Weiner, Shelley N.; Bernstein, Robert G., 125: 633, 1977  
solitary renal plasmacytoma with palisading tumor vascularity, Siemers, Paul T.; Coel, Marc N., 123: 597, 1977
- Kidney neoplasms, diagnosis**  
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computed tomography of the kidney, Sagel, Stuart S.; Stanley, Robert J.; Levitt, Robert G.; Geisse, Guillermo, 124: 359, 1977  
lateral view in selective renal angiography, Lee, Won J.; Pillari, George; Wind, Edward S., 123: 227, 1977  
malignant hemorrhagic renal cyst with occult neoplasm, Burstein, Jerome; Woodside, Jeffery R., 123: 599, 1977  
renal cell carcinoma presenting as the Budd-Chiari syndrome (AJR), Okulski, Thomas A.; Soulen, Renate L., 128: 140, 1977  
renal lymphoma simulating adult polycystic disease, Hahn, Francis J. Y.; Peterson, Noel, 122: 655, 1977  
renal peripelvic plasmacytoma: unusual radiographic findings (AJR), Silver, Terry M.; Thornbury, John R.; Teears, Robert J., 128: 313, 1977  
sarcoma of the kidney: angiographic features (AJR), Granmayeh, Masood; Wallace, Sidney; Barrett, A. Frank; Fisher, Richard G.; Heslep, J. H., 129: 107, 1977  
solitary renal plasmacytoma with palisading tumor vascularity, Siemers, Paul T.; Coel, Marc N., 123: 597, 1977  
some important radiological aspects of the kidney in Hippel-Lindau syndrome: value of prospective study in an affected family, Lee, Kyo Rak; Wulfsberg, Einer; Kepes, John J., 122: 649, 1977  
transitional cell tumors of the kidney: how diagnostic is the angiogram? (AJR), Goldman, Stanford M.; Meng, Chien-Hsing; White, Robert I.; Naraval, Roger C.; Siegelman, Stanley S.; Diamond, Arthur B.; Kaufman, Stephen L.; Harrington, Donald P., 129: 99, 1977  
unsuspected renal tumors associated with renal cysts (ab), Ambrose, Samuel S.; Lewis, Ernest L.; O'Brien, III, David P.; Walton, Kenneth N.; Ross, J. Russell, 125: 571, 1977  
urologic abdominal masses in infants and children (ab), Kasper, Thomas E.; Osborne, Jr., Robert W.; Semerdjian, Hrant S.; Miller, Harry C., 122: 860, 1977
- Kidney neoplasms, metastases**  
bone scan patterns of patients with diffuse metastatic carcinoma of the axial skeleton (ab), Witherspoon, Lynn R.; Blonde, Lawrence; Shuler, Stanton E.; McBurney, Donald B., 122: 288, 1977  
cavitating lung nodules and pneumothorax in children with metastatic Wilms' tumor (ab), Kassner, E. George; Goldman, Harold S.; Elguezal, Alberto, 122: 276, 1977  
metastatic carcinoma presenting as shoulder arthritis (AJR), Fremland, Alan; Kagan, A. Robert; Steckel, Richard J., 129: 137, 1977  
metastatic tumor presenting as intracerebral hemorrhage: report of 6 cases examined by computed tomography, Gildersleeve, Jr., Nathaniel; Koo, Andrew H.; McDonald, Cyril J., 124: 109, 1977  
renal choriocarcinoma metastasis: vascular lesion (AJR), Kutcher, Rosalyn; Lu, Therese; Gordon, David H.; Becker, Joshua A., 128: 1046, 1977  
Wilms' tumor: role of right heart angiography in the management of selected cases (ab), Schullinger, John N.; Santulli, Thomas V.; Casarella, William J.; MacMillan, Roger W., 125: 571, 1977
- Kidney neoplasms, radionuclide diagnosis**  
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- Kidney neoplasms, secondary**  
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- Kidney neoplasms, therapeutic radiology**  
pediatric cancer treatment: model for oncology (AJR), Evans, Audrey E., 127: 891, 1976  
pulmonary metastases in Wilms' tumor (ab), Bond, Jane V.; Martin, Eric C., 123: 545, 1977  
radical partial renal irradiation: alternative to partial nephrectomy in bilateral Wilms' tumor (ab), Richards, Marcia J. S.; Miller, Robert C.; Joo, Patricia, 123: 834, 1977  
treatment of Wilms' tumor: results of the national Wilms' tumor study (ab), D'Angio, Giulio J.; Evans, Audrey E.; Breslow, Norman; Beckwith, Bruce; Bishop, Harry; Feigl, Polly; Goodwin, Willard, 123: 545, 1977  
treatment of Wilms' tumor: results of the national Wilms' tumor study (ab), Leape, Lucian L.; Sinks, Lucius F.; Sutow, Wataru; Tefft, Melvin; Wolff, James, 123: 545, 1977
- Kidney neoplasms, therapy**  
embolization of malignant renal tumors. report of 22 cases (ab), Steckenmiller, R.; Bayindir, S.; Rothauge, C. F.; Noeske, K.; Weidner, W., 122: 860, 1977  
pediatric cancer treatment: model for oncology (AJR), Evans, Audrey E., 127: 891, 1976  
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- Kidney neoplasms, ultrasound diagnosis**  
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ultrasonic characterization of solid renal lesions: echographic angiographic and pathologic correlation, Maklad, Nabil F.; Chuang, Vincent P.; Doust, Bruce D.; Cho, Kyung J.; Curran, John E., 123: 733, 1977
- Kidneys**  
See also Genitourinary tract; Hydronephrosis; Kidney neoplasms; Nephritis; Radiations, injurious effects; Radiobiology; Urinary tract; Urography
- Kidneys, abnormalities**  
ultrasonographic evaluation of juxtadiaphragmatic masses in children, Kangaroo, Hooshang; Sukov, Richard; Sample, W. Frederick; Lipson, Mark; Smith, Lorraine E., 125: 785, 1977
- Kidneys, abnormalities**  
anatomic splenic flexure: ultrasonic renal impostor (AJR), Teale, Rita Littlewood; Rosenfield, Arthur T.; Freedman, Gerald S., 128: 115, 1977  
asymmetric renal enlargement in acute glomerulonephritis, Chesney, Russel W.; O'Regan, Sean; Kaplan, Bernard S.; Nogrady, M. Bernadette, 122: 431, 1977  
crossed fused renal ectopia with renal dysplasia (AJR), Daniel, William W.; Datnow, Boris, 128: 845, 1977  
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horseshoe kidney: ultrasonic demonstration (AJR), Mindell, Howard J.; Kupic, Edward A., 129: 526, 1977  
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- radionuclide bone images, Fink-Bennett, Darlene; Dworkin, Howard, 123: 392, 1977
- megacallosis: diagnosis and differential diagnosis (ab), Gunther, R.; Altwein, J. E.; Georgi, M., 124: 574, 1977
- renal phlebography: aid in the diagnosis of the absent or non-functioning kidney (ab), Braedel, H. U.; Schindler, E.; Moeller, J. F.; Polsky, M. Sheldon, 123: 256, 1977
- spectrum of angiographically demonstrable renal pathology in young hypertensive patients, Harper, Ada Patricia; Yune, Heun Y.; Franken, Jr., Edmund A., 123: 141, 1977
- Kidneys, abscess**
- perinephric abscess aspiration using ultrasound guidance (AJR), Conrad, Melvyn R.; Sanders, Roger C.; Mascardo, Angelita D., 128: 459, 1977
- significance of delayed  $^{67}\text{Ga}$  localization in the kidneys (ab), Kumar, Bharath; Coleman, R. Edward, 125: 576, 1977
- Kidneys, anatomy**
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- Kidneys, atrophy**
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- Kidneys, biopsy**
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- Kidneys, blood supply**
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- redistribution of renal blood flow caused by contrast media, Tadavarthi, S. Jurthy; Castaneda-Zuniga, W. R.; Amplatz, Kurt, 122: 343, 1977
- renal microvasculature following papillary resection, Lyonnet, Denis; Mellins, Harry Z.; Herman, Peter G., 123: 591, 1977
- Kidneys, calcification**
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- Kidneys, calculi**
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- intraoperative localization of renal calculi during nephrolithotomy by ultrasound scanning (ab), Cook, III, John H.; Lytton, Bernard, 125: 287, 1977
- kidney cassettes for intraoperative radiography, Pochacevsky, Rubem, 123: 237, 1977
- nontraumatic para-aortic lymphocele complicating nephrolithiasis, Hyson, Eric A.; Belleza, Norberto A.; Lowman, Robert M., 124: 0648, 1977
- radiological manifestations of neonatal renal vein thrombosis on follow-up examinations, Sutton, Tudor J.; Leblanc, Antoine; Gauthier, Noelle; Hassan, Max, 122: 435, 1977
- ultrasound litholapaxy of staghorn calculus (ab), Kurth, K. H.; Hohenfellner, R.; Altwein, J. E., 123: 833, 1977
- Kidneys, cysts**
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- angiographic and ultrasonic findings in infected simple cysts of the kidney (AJR), Cho, Kyung J.; Maklad, Nabil F.; Curran, John; Ting, Yoh Ming, 127: 1015, 1976
- calcification in polycystic disease, Kutcher, Rosalyn; Schneider, Morton; Gordon, David H., 122: 77, 1977
- computed tomography of the kidney, Sagel, Stuart S.; Stanley, Robert J.; Levitt, Robert G.; Geisse, Guillermo, 124: 359, 1977
- gray-scale ultrasonography in the diagnosis of polycystic kidney disease, Kelsey, Judith A.; Bowie, James D., 122: 791, 1977
- lateral view in selective renal angiography, Lee, Won J.; Pillari, George; Wind, Edward S., 123: 227, 1977
- malignant hemorrhagic renal cyst with occult neoplasm, Burstein, Jerome; Woodside, Jeffery R., 123: 599, 1977
- needle tract seeding of renal cell carcinoma (AJR), Bush, Jr., William H.; Burnett, Leland L.; Gibbons, Robert P., 129: 725, 1977
- pneumothorax: complication of percutaneous aspiration of upper pole renal masses (AJR), Silver, Terry M.; Thornbury, John R., 128: 451, 1977
- radiological appearance of renal hydatid cysts: 10 confirmed cases (ab), Imani, Farida; Gillet, J.; Benckroun, A.; Benomar, M.; Moreau, J.-F., 125: 571, 1977
- radiologic features of "adult type" polycystic disease in neonate (ab), Fellows, R. A.; Leonidas, J. C.; Beatty, Jr., E. C., 123: 828, 1977
- rare sites of hydatid disease in children (ab), Gharbi, H. A.; Cheikh, M. Ben; Hamza, R.; Jeddi, M.; Hamza, B.; Jedidi, H.; Bendridi, M. F., 125: 285, 1977
- renal cystography: diagnostic-therapeutic procedure (ab), Lochner, L.; Bartholoma, H.-J., 123: 255, 1977
- renal cyst puncture and aspiration: survey of complications (AJR), Lang, Erich K., 128: 723, 1977
- renal lymphoma simulating adult polycystic disease, Hahn, Francis J. Y.; Peterson, Noel, 122: 655, 1977
- some important radiological aspects of the kidney in Hippel-Lindau syndrome: value of prospective study in an affected family, Lee, Kyo Rak; Wulfsberg, Einer; Kepes, John J., 122: 649, 1977
- ultrasonic distinction of abscesses from other intra-abdominal fluid collections, Doust, Bruce D.; Quiroz, Francisco; Stewart, John M., 125: 213, 1977
- unsuspected renal tumors associated with renal cysts (ab), Ambrose, Samuel S.; Lewis, Ernest L.; O'Brien, III, David P.; Walton, Kenneth N.; Ross, J. Russell, 125: 571, 1977
- urinary tract obstruction in polycystic renal disease, Barbaric, Zoran L.; Spataro, Robert F.; Segal, Arthur J., 125: 627, 1977
- urographic visualization of multicystic kidneys (ab), Warshawsky, Arthur B.; Miller, Kenneth E.; Kaplan, George W., 123: 828, 1977
- Kidneys, diagnosis**
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- Kidneys, diseases**
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- arteriographic findings in hyperergic granulomatosis and vasculitis of a kidney (AJR), Pouladias, Grigoris P.; Wellauer, Josef; Streuli, Rolf; Fontana, Adriano; Briner, Jakob, 127: 526, 1976
- glomerulonephritis and nephrotic syndrome complicated by renal vein thrombosis and pulmonary emboli: report of two cases (AJR), Kutcher, Rosalyn; Cohen, Jeffrey R.; Gordon, David H., 128: 447, 1977
- gray scale ultrasonography in medullary cystic disease of the kidney and congenital hepatic fibrosis with tubular ectasis: new observations (AJR), Rosenfield, Arthur T.; Siegel, Norman J.; Kappelman, Neil B.; Taylor, Kenneth J. W., 129: 297, 1977
- high dose urography: incidence and relationship to spontaneous peripelvic extravasation (AJR), Bernardino, Michael E.; McClellan, Bruce L., 127: 373, 1976
- long-term follow-up of 195 patients with renal failure: preliminary report, Griffiths, Harry J.; Zimmerman, Robert E.; Lazarus, Michael N.; Phillips, Ellen; Pomerantz, Kenneth, 122: 643, 1977
- postgraduate course on the chest (Salt Lake City, Utah), Schwartz, Emanuel E.; Teplick, J. George; Onesti, Gaddo; Schwartz, Allan B., 122: 39, 1977
- spectrum of angiographically demonstrable renal pathology in young hypertensive patients, Harper, Ada Patricia; Yune, Heun Y.; Franken, Jr., Edmund A., 123: 141, 1977
- unilateral renal disease causing hypertension (ab), Stamey, Thomas A., 124: 860, 1977
- Kidneys, displacement**
- downward displacement of the left kidney caused by ectopic ovarian cyst developing in the subphrenic region (ab), Kawano, Shiro; Ueda, Shoichi, 122: 282, 1977
- Kidneys, failure**
- acute renal failure after cerebral arteriography in a diabetic patient (ab), Weinrauch, L. A.; Friedberg, S. R.; D'Elia, J. A., 124: 858, 1977
- computed tomography of the kidney, Sagel, Stuart S.; Stanley, Robert J.; Levitt, Robert G.; Geisse, Guillermo, 124: 359, 1977
- correlations between peripheral and central skeletal mineral content in chronic renal failure patients and in osteoporotics (ab), Meema, H. E.; Harrison, J. E.; McNeill, K. G.; Oreopoulos, D. G., 125: 282, 1977
- diagnosis of oligohydramnios-related pulmonary hypoplasia (Potter syndrome): value of portable voiding cystourethrography in newborns with respiratory distress, Wolf, Ellen L.; Berdon, Walter E.; Baker, David H.; Wigger, H. Joachim; Blanc, William A., 125: 769, 1977
- diffuse calcification of the breast in chronic renal failure (AJR), Han, Sang Y.; Witten, David M., 129: 341, 1977
- multiple brown tumors in a patient with chronic renal failure and secondary hyperparathyroidism (AJR), Brown, Thomas W.; Genant, Harry K.; Hattner, Robert S.; Orloff, Sheldon; Potter, Donald E., 128: 131, 1977
- perinatal asphyxia and renal failure in neonatal patients (ab), Drago, Joseph R.; Rohner, Jr., Thomas J.; Sanford, Edgar J.; Maisels, M. Jeffrey, 125: 857, 1977
- radiology of renal failure (bk rev), Griffiths, Harry J., Reviewed by Jensen, Pamela S., 125: 630, 1977
- renal microvasculature following papillary resection, Lyonnet, Denis; Mellins, Harry Z.; Herman, Peter G., 123: 591, 1977
- retroperitoneal fibrosis and inapparent obstructive uropathy, Lalli, Anthony F., 122: 339, 1977
- Kidneys, hemorrhage**
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- computed tomography in the diagnosis of subcapsular and perirenal hematoma (AJR), Schaner, Everett G.; Balow, James E.; Doppman, John L., 129: 83, 1977
- superselective transcatheter embolization of traumatic renal hemorrhage (AJR), Richman, Steven D.; Green, William M.; Kroll, Richard; Casarella, William J., 128: 843, 1977
- Kidneys, hypertrophy**
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- Kidneys, infarction**
- cortical rim sign in renal infarction, Paul, George J.; Stephenson, Thomas F., 122: 338, 1977
- Kidneys, infection**
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- reflux as a cause of end stage kidney disease: report of 32 cases (ab), Salvatierra, Jr., Oscar; Tanagho, Emil A., 124: 859, 1977
- sonographic-radiographic correlation of renal and perirenal infections (AJR), Schneider, Morton; Becker, Joshua A.; Staiano, Shirley J.; Campos, Ellen M., 127: 1007, 1976
- Kidneys, inflammation**
- renal malacoplakia (ab), DeRidder, Paul A.; Koff, Stephen A.; Gikas, Paul W.; Heidelberger, Kathleen P., 124: 859, 1977
- Kidneys, necrosis**
- differentiation between renal allograft rejection and acute tubular necrosis by renal scan (AJR), Delmonico, Francis L.; McKusick, Kenneth A.; Cosimi, A. Benedict; Russell, Paul S., 128: 625, 1977
- Kidneys, obstruction**
- renal microvasculature following papillary resection, Lyonnet, Denis; Mellins, Harry Z.; Herman, Peter G., 123: 591, 1977
- retroperitoneal fibrosis and inapparent obstructive uropathy, Lalli, Anthony F., 122: 339, 1977
- total and individual kidney function assessment with iodine-123 ortho-iodohippurate, Zielinski, Florian W.; Holly, F. Eugene; Robinson, Jr., Gerald D.; Bennett, Leslie R., 125: 753, 1977
- ultrasonic evaluation of the obstructed duplex kidney (AJR), Masciatello, V. J.; Smith, E. H.; Carrera, G. F.; Berger, M.; Teele, R. L., 129: 113, 1977
- Kidneys, physiology**
- noninvasive determination of glomerular filtration rate using x-ray fluorescence, Alazraki, Naomi; Verba, John W.; Henry, James E.; Becker, Richard; Taylor, Jr., Andrew; Halpern, Samuel E., 122: 183, 1977



**Kidneys, radiography**

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- caudad angle view: helpful adjunct in excretory urography, Imray, Thomas J.; Terry, Daniel W.; Dadds, Wylie J., 122: 253, 1977
- kidney cassettes for intraoperative radiography, Pochaczewsky, Rubem, 123: 237, 1977
- radiology and the kidney: some present concepts. contributions to nephrology, vol. 5 (bk rev), Hodson, J., Reviewed by Thornbury, John R., 125: 342, 1977
- successful management of ileal conduit-enteric fistula: the case against loopograms (ab), Nieh, Peter T.; Parkhurst, Edward C., 125: 857, 1977

**Kidneys, radionuclide studies**

- clinical significance of <sup>99m</sup>Tc-technetium sulfur colloid accumulation in renal transplant patients, Kim, Young C.; Massari, Pablo U.; Brown, Manuel L.; Thrall, James H.; Chang, Bruce; Keyes, Jr., John W., 124: 745, 1977
- correlation of renal images on bone scan and intravenous pyelogram (AJR), Biello, Daniel R.; Coleman, R. Edward; Stanley, Robert J., 127: 633, 1976
- differentiation between renal allograft rejection and acute tubular necrosis by renal scan (AJR), Delmonico, Francis L.; McKusick, Kenneth A.; Cosimi, A. Benedict; Russell, Paul S., 128: 625, 1977
- incidental detection of a horseshoe kidney on radionuclide bone images, Fink-Bennett, Darlene; Dworkin, Howard, 123: 392, 1977
- localization of the renal cortical imaging agent <sup>99m</sup>Tc-Sn-DMSA in the bowel, Hirsch, Jerry I.; Fogel, William M.; Fratkan, Melvin J., 122: 404, 1977
- quality assurance for <sup>99m</sup>Tc-Sn-pyrophosphate (ab), Elson, Michael K.; Shafer, Rex B., 125: 576, 1977
- renal uptake of <sup>99m</sup>Tc-sulfur colloid (ab), Shook, D. R.; Shafer, R. B., 123: 547, 1977
- routine renal imaging after <sup>99m</sup>Tc-glucosylated brain scans (ab), Kahn, Paul C.; Dewanjee, Minal K.; Brown, Susan S., 125: 575, 1977
- significance of delayed <sup>67</sup>Ga localization in the kidneys (ab), Kumar, Bharath; Coleman, R. Edward, 125: 576, 1977
- total and individual kidney function assessment with iodine-123 ortho-iodohippurate, Zielinski, Florian W.; Holly, F. Eugene; Robinson, Jr., Gerald D.; Bennett, Leslie R., 125: 753, 1977

**Kidneys, size**

- compensatory renal enlargement in older patients (AJR), Ekelund, Leif; Gothlin, Jan, 127: 713, 1976
- errors in radiographic measurements caused by variations in the table top/Bucky tray distance, Riggs, Jr., Webster, 124: 844, 1977
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- velocity of length and width growth of the kidney in the last trimester of pregnancy, as it pertains to neonatal pediatric radiology (ab), Gonzales, J., 124: 281, 1977

**Kidneys, surgery**

- emergency percutaneous nephropelostomy: experience with 34 patients and review of the literature (AJR), Barbaric, Zoran L.; Wood, Beverly P., 128: 453, 1977

**Kidneys, transplantation**

- angiography of renal transplant (ab), Kaude, Juri V.; Hawkins, Jr., Irvin F., 122: 285, 1977
- clinical significance of <sup>99m</sup>Tc-technetium sulfur colloid accumulation in renal transplant patients, Kim, Young C.; Massari, Pablo U.; Brown, Manuel L.; Thrall, James H.; Chang, Bruce; Keyes, Jr., John W., 124: 745, 1977
- diagnosis of urine extravasation after renal transplantation (AJR), Spigos, D. G.; Tan, W.; Pavel, D. G.; Mozes, M.; Jonasson, O.; Capek, V., 129: 409, 1977
- differentiation between renal allograft rejection and acute tubular necrosis by renal scan (AJR), Delmonico, Francis L.; McKusick, Kenneth A.; Cosimi, A. Benedict; Russell, Paul S., 128: 625, 1977
- long-term follow-up of 195 patients with renal failure: preliminary report, Griffiths, Harry J.; Zimmerman, Robert E.; Lazarus, Michael; Lowrie, Edmund; Gottlieb, Michael N.; Phillips, Ellen; Pomerantz, Kenneth, 122: 643, 1977
- osteonecrosis following renal transplantation (AJR), Levine, Errol; Erken, Einhard H.;

- Price, Hilton I.; Meyers, Anthony M.; Solomon, Louis, 128: 985, 1977
- radiology of ex vivo renal perfusion and autotransplantation (AJR), Stables, Derek P.; Taubman, John; Hilton, John W.; Ronai, Peter M.; Putnam, Charles W., 128: 217, 1977
- ultrasound diagnosis of posttransplant renal lymphocele (ab), Phillips, Joseph F.; Neiman, Harvey L.; Brown, Thomas L., 122: 862, 1977
- venous embolus to a transplanted kidney: diagnosis and treatment (ab), Mandel, Stanley R.; Mattern, William D.; Staab, Edward, 124: 280, 1977

**Kidneys, ultrasound**

- angiographic and ultrasonic findings in infected simple cysts of the kidney (AJR), Cho, Kyung J.; Maklad, Nabil F.; Curran, John; Ting, Yoeh Ming, 127: 1015, 1976
- B-mode ultrasound and the nonvisualizing kidney in pediatrics (AJR), Shkolnik, Arnold, 128: 121, 1977
- gray scale ultrasonography in medullary cystic disease of the kidney and congenital hepatic fibrosis with tubular ectasis: new observations (AJR), Rosenfield, Arthur T.; Siegel, Norman J.; Kappelman, Neil B.; Taylor, Kenneth J. W., 125: 297, 1977
- gray-scale ultrasonography in the diagnosis of polycystic kidney disease, Kelsey, Judith A.; Bowie, James D., 122: 791, 1977
- gray-scale ultrasonic imaging of the kidney (ab), Vallance, R.; James, W.; Shimmins, J. G.; England, M. E., 123: 543, 1977
- horseshoe kidney: ultrasonic demonstration (AJR), Mindell, Howard J.; Kupic, Edward A., 129: 526, 1977
- intraoperative localization of renal calculi during nephrolithotomy by ultrasound scanning (ab), Cook, III, John H.; Lytton, Bernard, 125: 287, 1977
- perinephric abscess aspiration using ultrasound guidance (AJR), Conrad, Melvyn R.; Sanders, Roger C.; Mascardo, Angelita D., 128: 459, 1977
- sonographic-radiographic correlation of renal and perirenal infections (AJR), Schneider, Morton; Becker, Joshua A.; Staiano, Shirley J.; Campos, Ellen M., 127: 1007, 1976
- sonography of the Page kidney (ab), Conrad, Melvyn R.; Freedman, Matthew; Weiner, Charles; Freeman, Coy; Sanders, Roger C., 122: 571, 1977
- ultrasonic evaluation of the obstructed duplex kidney (AJR), Mascarello, V. J.; Smith, E. H.; Carrera, G. F.; Berger, M.; Teele, R. L., 129: 113, 1977
- ultrasonographic evaluation of juxtadiaphragmatic masses in children, Kangaroo, Hooshang; Sukov, Richard; Sample, W. Frederick; Lipson, Mark; Smith, Lorraine E., 125: 785, 1977
- ultrasonography of renal sinus lipomatosis, Yeh, Hsu-Chong; Mitty, Harold A.; Wolf, Bernard S., 124: 799, 1977
- ultrasound diagnosis of posttransplant renal lymphocele (ab), Phillips, Joseph F.; Neiman, Harvey L.; Brown, Thomas L., 122: 862, 1977
- ultrasound litholapaxy of staghorn calculus (ab), Kurth, K. H.; Hohenfellner, R.; Altwein, J. E., 123: 833, 1977
- ultrasound localization for percutaneous renal biopsy in children (ab), Zeis, Petros M.; Spigos, D. G.; Samayoa, Conrado; Capek, Vlastimil; Aschinger, Lorenzo C., 123: 259, 1977

**Kidneys, wounds and injuries**

- angiographic patterns of posttraumatic renal scarring (AJR), Naidich, James B.; Naidich, Thomas P.; Pudlowski, Rochelle M.; Waldbaum, Robert S.; Hyman, Roger A.; Stein, Harry L., 128: 729, 1977
- angiography in renal trauma (ab), Enriquez Chena, Enrique A.; Arauco, Orlando Camara, 125: 858, 1977
- conservative approach to the management of blunt renal trauma (ab), Wein, Alan J.; Murphy, John J.; Mulholland, S. Grant; Chait, Arnold W.; Arger, Peter H., 124: 860, 1977

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**Knee**

- arthrography of the discoid lateral meniscus (AJR), Hall, Ferris M., 128: 993, 1977
- infrapatellar synovial fold: cause for confusion in the evaluation of the anterior cruciate

- ligament (AJR), Dalinka, Murray K.; Garofola, John, 127: 589, 1976
- prospective analysis of bone changes in treated childhood leukemia, Rosenfield, Nancy S.; McIntosh, Sue, 123: 413, 1977

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- anatomic-arthrographic study of the relationships of the lateral meniscus and the popliteus tendon (AJR), Harley, John D., 128: 181, 1977

**Knee, arthrography**

- diagnosis of chondromalacia by double contrast arthrography of the knee (ab), Horns, John W., 124: 571, 1977
- new simple restraining device for fluoroscopically monitored knee arthrography, Levinsohn, E. Mark, 122: 827, 1977
- simple device to open the knee joint space during double contrast arthrography, Nicks, Andrew J.; Mihalco, Michael, 122: 827, 1977
- simplified stress device for knee arthrography, Gilula, Louis A., 122: 828, 1977

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- congenital dislocation of the knee (AJR), Carlson, David H.; O'Connor, John, 127: 465, 1976

**Knee, neoplasms**

- patellar giant cell tumor (AJR), Wilson, John S.; Genant, Harry K.; Carlsson, Anna; Murray, William R., 127: 856, 1976

**Knee, prostheses**

- radiology of knee joint replacement (AJR), Gelman, Martin I.; Dunn, Harold K., 127: 447, 1976

**Knee, radiography**

- off-lateral view of the patella, or the true lateral of the patellar facets; new radiological approach (ab), Malague, B.; Malghem, J., 124: 571, 1977

**Knee, wounds and injuries**

- capsular visualization in lipohemarthrosis of the knee, Sacks, Barry A.; Rosenthal, Daniel I.; Hall, Ferris M., 122: 31, 1977
- radiographic diagnosis of quadriceps tendon rupture, Newberg, Arthur; Wales, Lee, 125: 367, 1977

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- (obit), 123: 530, 1977

**Krypton, radioactive**

- applications of ventilation lung imaging with <sup>81m</sup>krypton, Goris, Michael L.; Daspi, Sharon G.; Walter, John P.; McRae, James; Lamb, James, 122: 399, 1977

**Lacrimal gland and duct, neoplasms**

- en bloc removal of intrinsic neoplasms of the lacrimal gland (ab), Henderson, John W.; Neault, Roger W., 125: 851, 1977

**Lacrimal gland and duct, radionuclide studies**

- clinical evaluation of nuclear dacryocystography (ab), Chaudhuri, Tapan K., 122: 572, 1977

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- radioscintigraphy in the diagnosis of upper airway obstruction, Itoh, Harumi; Ishii, Yasushi; Suzuki, Teruyasu; Yenekura, Yoshiharu; Morita, Rikushi; Torizuka, Kanji, 123: 135, 1977
- suprasternal fossa, Ominsky, Steven; Berinson, Howard S., 122: 311, 1977
- upper airways: II. larynx and trachea (ab), Proctor, Donald F., 124: 273, 1977
- Larynx, neoplasms**
- elective irradiation of the lower cervical region in patients at high risk for recurrent cancer at the tracheal stoma, Tong, Daphne; Moss, William T.; Stevens, Jr., Kenneth R., 124: 809, 1977
- epidermoid carcinoma of the larynx: VI. histologic grading in the clinical evaluation (ab), Lund, C.; Sogaard, H.; Jorgensen, K.; Hjelm-Hansen, M., 124: 854, 1977
- laryngeal tuberculosis (AJR), Lindell, Jr., Marvin M.; Jing, Bao-Shan; Wallace, Sidney, 129: 677, 1977
- role of computed tomography in the management of cancer of the larynx, Mancuso, Anthony A.; Hanafey, William N.; Juillard, Guy J. F.; Winter, James; Calcaterra, Thomas C., 124: 243, 1977

**Larynx, obstruction**

- otolaryngological manifestations of arthrogryposis multiplex congenita (ab),

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- Laurence-Moon-Bardet-Biedl syndrome**  
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- Leukemia**  
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- Leukemia, complications and sequelae**  
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- Leukemia, in infants and children**  
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- Leukemia, lymphocytic**  
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- Leukemia, myelogenous**  
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- Leukemia, therapeutic radiology**  
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- Leukemia, therapy**  
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- Leukocytes**  
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- Lipids**  
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- Lipoma**  
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- Lipomatosis**  
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- Liver, abnormalities**  
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- Liver, abscess**  
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- Liver, angiography**  
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- Liver, biopsy**  
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- Liver, blood supply**  
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- Liver, calculi**  
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- Liver, cirrhosis**  
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- Liver, computed tomography**  
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- congenital solitary cyst (ab), Yeh, Shin-Hwa, 122: 574, 1977
- paradoxical halo sign in hepatic pseudotumor, Chuang, Vincent P.; Lorman, James G., 123: 315, 1977
- pulmonary sequestration associated with a gastric duplication cyst, McClelland, Robert R.; Kapner, Adrian L.; Uecker, John H., 124: 13, 1977
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- ultrasonic distinction of abscesses from other intra-abdominal fluid collections, Doust, Bruce D.; Quiroz, Francisco; Stewart, John M., 125: 213, 1977
- Liver, diseases**
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- angiographic approach to hepatobiliary diseases (ab), Russell, Edward; LePage, James R.; Viamonte, Jr., Manuel; Levi, Joe U.; Meier, Walter L., 124: 569, 1977
- endoscopic retrograde intrahepatic cholangiogram: radiographic findings in intrahepatic disease (AJR), Rohrmann, Jr., Charles A.; Ansel, Howard J.; Ayoola, E. A.; Silvius, Stephen E.; Vennes, Jack A., 128: 45, 1977
- hemodynamics of hepatic disease following the Mustard procedure (ab), Chaumont, P.; Kalifa, G.; Harry, G., 124: 856, 1977
- hepatic venography and wedge hepatic vein pressure measurements in diffuse liver disease (AJR), Cavaluzzi, John A.; Sheff, Robert; Harrington, Donald P.; Kaufman, Stephen L.; Barth, Klemens H.; Maddrey, Willis C.; White, Jr., Robert L., 129: 441, 1977
- neonatal hepatic calcification secondary to transplacental infection, Shackelford, Gary D.; Kirks, Donald R., 122: 753, 1977
- nuclear imaging, tomographic nuclear imaging, and gray scale ultrasound in the evaluation of the porta hepatis, Sample, W. Frederick; Gray, Robert K.; Poe, Norman D.; Graham, L. Stephen; Bennett, Leslie R., 122: 773, 1977
- Liver, displacement**
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- visualization of the lateral edge of the liver in ascites, Love, Leon; Demos, Terrence C.; Reynes, Carlos J.; Williams, Virgil; Shkolnik, Arnold; Gandhi, Vasant; Zerofos, Nicholas, 122: 619, 1977
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- Liver, fibrosis**
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- juvenile nephronophthisis associated with retinal pigmentary dystrophy, cerebellar ataxia, and skeletal abnormalities (ab), Robins, D. G.; French, T. A.; Chakera, T. M. H., 124: 278, 1977
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- Liver, hypertrophy**
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- Liver neoplasms, angiography**
- angiographic assessment of gross anatomy of hepatocellular carcinoma: comparison of celiac angiograms and liver pathology in 100 cases, Okuda, Kunio; Obata, Hiroshi; Jinnouchi, Shigenobu; Kubo, Yasuhiko; Nagasaki, Yoshikazu; Shimokawa, Yutaka; Motoike, Yoji; Muto, Haruomi, 123: 21, 1977
- angiographic assessment of gross anatomy of hepatocellular carcinoma: comparison of celiac angiograms and liver pathology in 100 cases, Nagakima, Yukio; Mushia, Hirotsuka; Yamazaki, Takeshi; Sakamoto, Kazuyoshi; Kojiro, Masamichi; Nakashima, Toshiro, 123: 0021, 1977
- angiographic demonstration of growth of hepatocellular carcinoma in the hepatic vein and inferior vena cava, Okuda, Kunio; Jinnouchi, Shigenobu; Nagasaki, Yoshikazu; Kuwahara, Seido; Kaneko, Toshioki; Kubo, Yasuhiko; Shimokawa, Yutaka, 124: 33, 1977
- angiographic demonstration of growth of hepatocellular carcinoma in the hepatic vein and inferior vena cava, Nakajima, Yukio; Takashi, Motohide; Mushia, Hirotsuka; Kudo, Takahiro; Sakamoto, Kazuyoshi; Kojiro, Masamichi; Nakashima, Toshiro, 124: 0033, 1977
- hepatic hemangiomas: successful management by hepatic artery ligation (ab), Laird, W. Pennock; Friedman, Sidney; Koop, C. Everett; Schwartz, George J., 122: 562, 1977
- radiologic investigation of hepatic tumors in childhood (ab), Miller, John H.; Gates, Gary F.; Stanley, Philip, 124: 451, 1977
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- Liver neoplasms, diagnosis**
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- angiographic demonstration of growth of hepatocellular carcinoma in the hepatic vein and inferior vena cava, Nakajima, Yukio; Takashi, Motohide; Mushia, Hirotsuka; Kudo, Takahiro; Sakamoto, Kazuyoshi; Kojiro, Masamichi; Nakashima, Toshiro, 124: 0033, 1977
- angiographic demonstration of intrahepatic arterio-portal anastomoses in hepatocellular carcinoma, Okuda, Kunio; Mushia, Hirotsuka; Yamazaki, Takeshi; Jinnouchi, Shigenobu; Nagasaki, Yoshikazu; Kubo, Yasuhiko; Shimokawa, Yutaka, 122: 53, 1977
- angiographic demonstration of intrahepatic arterio-portal anastomoses in hepatocellular carcinoma, Nakayama, Toshimichi; Kojiro, Masamichi; Sakamoto, Kazuyoshi; Nakashima, Toshiro, 122: 0053, 1977
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- chest radiograph in primary liver cancer: analysis of 449 cases (ab), Levy, J. I.; Geddes, E. W.; Kew, M. C., 123: 536, 1977
- computed tomographic demonstration of hepatic tumor with the aid of intravenous iodinated fat emulsion: experimental study, Vermess, Michael; Adamson, Richard H.; Doppman, John L.; Girtton, Mary, 125: 711, 1977
- diagnostic accuracy of endoscopic retrograde cholangiopancreatography in hepatic, biliary, and pancreatic malignancy (ab), Silvius, Steven E.; Rohrmann, C. A.; Vennes, Jack A., 122: 564, 1977
- infantile hepatic hemangioendotheliomas associated with hemihypertrophy (ab), Wood, Beverly P.; Putnam, T. C.; Chacko, Anna K., 125: 568, 1977
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- renal infarction: complication of Gelfoam embolization of a hemangioendothelioma of the liver (AJR), Tegtmeyer, Charles J.; Smith, Thomas H.; Shaw, Anthony; Barwick, Kenneth W.; Kattwinkel, John, 128: 305, 1977
- Liver neoplasms, radionuclide diagnosis**
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- radiologic investigation of hepatic tumors in childhood (ab), Miller, John H.; Gates, Gary F.; Stanley, Philip, 124: 451, 1977
- scan findings in hepatic adenoma (focal nodular hyperplasia) (ab), Myerson, Paul; Prokop, Edward; Sziklas, John J.; Spencer, Richard P., 122: 865, 1977
- value of liver scan in preoperative screening of patients with malignancies (ab), Felix, Edward L.; Bagley, Demetrius H.; Sindelar, William F.; Johnston, Gerald S.; Ketcham, Alfred S., 123: 834, 1977
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- Liver neoplasms, therapy**
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- accumulation of <sup>99m</sup>Tc-diphosphonate in hepatic neoplasm, Ghaed, Nasser; Marsden, Richard J., 125: 440, 1977
- angiographic documentation of systemic-portal venous shunting as a cause of a liver scan "hot spot" in superior vena caval obstruction (AJR), Lee, Kyo Rak; Preston, David F.; Martin, Norman L.; Robinson, Ralph G., 127: 637, 1976
- aortic aneurysm causing multiple liver scan defects (AJR), Conte, Patrick J., 128: 516, 1977
- chronic passive congestion of the liver appearing as focal defects in liver imaging (ab), Barnett, Charles A.; Olson, Ronald; Stadelnik, Robert C., 125: 287, 1977
- correlation of computed tomography, gray scale ultrasonography, and radionuclide imaging of the liver in detecting space-occupying processes, Bryan, Patrick J.; Dinn, W. Martin; Grossman, Zachary D.; Wistow, Brian W.; McAfee, John G.; Kieffer, Stephen A., 124: 387, 1977
- diagnosis of cirrhosis and hepatitis by quantitative hepatic and other reticuloendothelial clearance rates (ab), DeNardo, Sally J.; Bell, George B.; DeNardo, Gerald L.; Caretta, Robert F.; Scheibe, Paul G.; Imperato, Thomas J.; Jackson, Peter E., 122: 573, 1977
- false-positive liver scan caused by anomalous quadrate lobe and right portal branch (ab), Suzuki, Kunio; Okuda, Kunio; Mushia, Hirotsuka; Nakajima, Yukio; Kimura, Kunio; Kuniyasu, Y., 124: 865, 1977
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- Sullivan, D.; Rosenfield, Arthur T.; Gottschalk, A., 128: 277, 1977
- hemangiosarcoma of the spleen with liver metastases: angiographic manifestations, Kishikawa, Takashi; Numaguchi, Yuji; Tokunaga, Mitsuo; Matsuo, Keichi, 123: 31, 1977
- hepatic cavernous hemangiomas and hemangioendotheliomas in infancy (AJR), Stanley, Philip; Gates, Gary F.; Eto, Ross T.; Miller, Shelby W., 129: 317, 1977
- hepatic transudation ("weeping") of <sup>131</sup>I-rose bengal (ab), Puri, Savita; Spencer, Richard P.; Moskowitz, Harold; Kendall, Emma M., 124: 287, 1977
- "hot spot" on hepatic scintigraphy and radionuclide venacavography (AJR), Gooneratne, Nihal S.; Buse, Maria G.; Quinn, III, James L.; Selby, John B., 129: 447, 1977
- intravenous radionuclide diffusion hepatography in hepatic abscess and congenital solitary cyst (ab), Yeh, Shin-Hwa, 122: 574, 1977
- liver-lung scan in diagnosis of right subphrenic abscess (ab), Middleton, III, Henry M.; Patton, Dennis D.; Hoyumpa, Jr., Anastasio M.; Schenker, Steven, 122: 865, 1977
- nuclear imaging, tomographic nuclear imaging, and gray scale ultrasound in the evaluation of the porta hepatis, Sample, W. Frederick; Gray, Robert K.; Poe, Norman D.; Graham, L. Stephen; Bennett, Leslie R., 122: 773, 1977
- retrospective comparison of radionuclide scans and computed tomography of the liver and pancreas (AJR), MacCarty, Robert L.; Wahner, Heinz W.; Stephens, David H.; Sheedy, Patrick F.; Hattery, Robert R., 129: 23, 1977
- Liver, ultrasound**
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- displaced lateral surface of the liver (Hellmer's sign) secondary to an extraperitoneal fluid collection (AJR), Wixson, David; Kazam, Elias; Whalen, Joseph P., 127: 679, 1976
- gray scale ultrasonography of calcified liver metastases (AJR), Katragadda, Chandra S.; Goldstein, Harvey M.; Green, Barry, 129: 591, 1977
- gray scale ultrasound and isotope scanning: complementary techniques for imaging the liver (AJR), Taylor, Kenneth J. W.; Sullivan, D.; Rosenfield, Arthur T.; Gottschalk, A., 128: 277, 1977
- liver volume determination by ultrasound: feasibility study (ab), Carr, D.; Duncan, J. G.; Raitlon, R.; Smith, C. B., 123: 833, 1977
- nuclear imaging, tomographic nuclear imaging, and gray scale ultrasound in the evaluation of the porta hepatis, Sample, W. Frederick; Gray, Robert K.; Poe, Norman D.; Graham, L. Stephen; Bennett, Leslie R., 122: 773, 1977
- ultrasonic differentiation of right pleural effusion from subphrenic fluid on longitudinal scans of the right upper quadrant: importance of recognizing the diaphragm, Landay, Michael; Harless, William, 123: 155, 1977
- Liver, wounds and injuries**
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- selective hepatic artery embolization to control massive hepatic hemorrhage after trauma (AJR), Rubin, Bruce E.; Katzen, Barry T., 129: 253, 1977
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- Lung neoplasms**
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- living with lung cancer: reference book for people with lung cancer and their families (bk rev), Cox, Barbara G., Reviewed by O'Bryan, Robert M., 125: 810, 1977
- overview of cancer of the lung (SR), Rigler, Leo G., 12: 161, 1977
- roentgenographic features of American Burkitt's lymphoma, Alford, Bennett A.; Coccia, Peter F.; L'Heureux, Philippe R., 124: 763, 1977
- Lung neoplasms, diagnosis**
- aspiration biopsy of discrete pulmonary lesions using a new thin needle: results in the first 100 cases, Zornoza, Jesus; Snow, Jr., Judson; Lukeman, John M.; Libshitz, Herman I., 123: 519, 1977
- capillary hemangioma of the lung, Brill, Paula W.; Symchych, Paul; Winchester, Patricia, 124: 184, 1977
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- cervical neurogenic tumors presenting as thoracic apical masses in infants and children (ab), Riggs, Jr., Webster; Benton, C.; Wood, Beverly P., 125: 566, 1977
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- diagnostic accuracy and complications of closed lung biopsies, Herman, Peter G.; Hessel, Samuel J., 125: 11, 1977
- differential diagnosis of bronchiolo-alveolar-cell carcinoma at an early stage (ab), Gullotta, U.; Fuchs, H. D.; Mallinckrodt, G. v., 124: 566, 1977
- evaluation of a new transthoracic needle for biopsy of benign and malignant lung lesions (AJR), House, Anthony J. S.; Thomson, Kenneth R., 129: 215, 1977
- large solitary pulmonary mass (greater than 4 cm in diameter) (SR), Reeder, Maurice M., 12: 157, 1977
- lung carcinoma in young adults (ab), Putnam, Jerome S., 125: 852, 1977
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- primary leiomyosarcoma of lung in childhood (ab), Ownby, Dennis; Lyon, George; Spock, Alexander, 123: 821, 1977
- psychophysical studies of detection errors in chest radiology, Revesz, George; Kundel, Harold L., 123: 559, 1977
- pulmonary blastoma: case report and literature review (AJR), Han, Soo Sung; Wills, John S.; Allen, II, Olin S., 127: 1048, 1976
- results of computer-aided diagnosis of peripheral bronchial carcinoma, Rotte, K. H.; Meiske, W., 125: 583, 1977
- some less familiar roentgen manifestations of carcinoma of the lung (SR), Felson, Benjamin; Wiot, Jerome F., 12: 187, 1977
- squamous cell carcinoma of the lung: clinicopathologic study (ab), Marabella, Patrick C.; Takita, Hiroshi; Lane, Warren W.; Pfeffer, Frederic L., 124: 566, 1977
- unilateral diffuse lung opacity: differential diagnosis with emphasis on lymphangitic spread of cancer, Youngberg, Arne S., 123: 277, 1977
- varying manifestations of peripheral pulmonary neoplasms: radiologic-pathologic correlative study (AJR), Theros, Elias G., 128: 893, 1977
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- esophageal asperistalsis secondary to metastatic invasion of the myenteric plexus (AJR), Simeone, Joseph F.; Burrell, Morton; Toffler, Robert, 127: 862, 1976
- lateral view in radionuclide imaging of the sacrum, Epstein, David A.; Stern, Harvey, 123: 704, 1977
- metastatic spread of bronchogenic carcinoma in relation to the interval between resection and death (ab), Weiss, William; Gillick, John S., 125: 566, 1977
- metastatic tumor presenting as intracerebral hemorrhage: report of 6 cases examined by computed tomography, Gildersleeve, Jr., Nathaniel; Koo, Andrew H.; McDonald, Cyril J., 124: 109, 1977
- positive <sup>99m</sup>Tc-stannous pyrophosphate myocardial image in a patient with carcinoma of the lung, Harford, William; Weinberg, Michael N.; Buja, L. Maximilian; Parkey, Robert W.; Bonte, Frederick J.; Willerson, James T., 122: 747, 1977
- unilateral diffuse lung opacity: differential diagnosis with emphasis on lymphangitic spread of cancer, Youngberg, Arne S., 123: 277, 1977
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- place of <sup>67</sup>Co-bleomycin scanning in the evaluation of tumors (AJR), Kahn, Paul C.; Milunsky, Cyril; Dewanjee, Mrinal K.; Rudders, Richard A., 129: 267, 1977
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- Lung neoplasms, secondary**
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- effect of lung irradiation on incidence of pulmonary metastases and its mechanism (ab), Tanaka, Y., 123: 544, 1977
- elective whole lung irradiation in treatment of osteogenic sarcoma (ab), Rab, George T.; Ivins, John C.; Childs, Jr., Donald S.; Cupps, Roger E.; Pritchard, Douglas J., 123: 545, 1977
- glioblastoma multiforme with extraneural metastases in the absence of previous surgery (ab), Hulbanni, Sharada; Goodman, Paul A., 122: 850, 1977
- metastatic melanoma: another cause of a solitary pulmonary nodule with an air bronchogram, ZuWallack, Richard L.; Urban, Jeffrey D.; Lahiri, Bimalin, 123: 286, 1977
- ossified pulmonary metastases from giant cell tumor of bone (AJR), Hall, Ferris M.; Frank, Howard A.; Cohen, Richard B.; Ezpeleta, Mariano L., 127: 1046, 1976
- pulmonary metastases from benign-appearing smooth muscle tumors of the uterus (AJR), Bachman, Donald; Wolff, Marianne, 127: 441, 1976
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- enhanced pulmonary toxicity with bleomycin and radiotherapy in oat cell lung cancer (ab), Einhorn, Lawrence; Krause, Maurice; Hornback, Ned; Furnas, Becky, 123: 260, 1977
- esophageal complications in the treatment of oat cell carcinoma with combined

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- squamous cell carcinoma of the lung: clinicopathologic study (ab), Marabella, Patrick C.; Takita, Hiroshi; Lane, Warren W.; Preffer, Frederic I., 124: 566, 1977
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- Lungs, edema**  
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pulmonary congestion in chronic heart disease: radiologic, clinical and hemodynamic relationships (ab), Stage, P.; Movild, B.; Hesse, B.; Steinmetz, E., 123: 535, 1977  
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- flexible fiberoptic bronchoscopy and endobronchial tamponade in the management of massive hemoptysis (ab), Saw, Eng C.; Gottlieb, Leon S.; Yokoyama, Taro; Lee, Benny C., 123: 251, 1977
- lung scintigraphy with  $^{51}\text{Cr}$ -erythrocytes in Goodpasture's syndrome: case report (ab), Morita, Rikushi; Ikekubo, Katsui; Ito, Harumi; Mori, Toru; Hamamoto, Ken; Torizuka, Kanji, 124: 864, 1977
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- concentration of  $^{99\text{m}}\text{Tc}$ -technetium polyphosphate in fibrothorax following pneumonectomy, Ravin, Carl E.; Hoyt, Terry S.; De Blanc, Harold, 122: 405, 1977
- diagnosis of intracardiac thrombus by  $^{99\text{m}}\text{Tc}$ -MAA scintiscanning, Jones, Daniel M.; Winn, William R., 122: 175, 1977
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- evaluation of bronchospasm during excretory urography, Littner, Michael R.; Rosenfield, Arthur T.; Ulreich, Sidney; Putman, Charles E., 124: 17, 1977
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- Lungs, wounds and injuries**
- radiographic spectrum of pulmonary complications in burn victims (AJR), Kangaroo, Hushang; Beachley, Michael C.; Ghahremani, Gary G., 128: 441, 1977
- Lupus erythematosus**
- computed tomography of systemic lupus erythematosus, Bilaniuk, Larissa T.; Patel, Suresh; Zimmerman, Robert A., 124: 119, 1977
- mixed connective tissue disease: spectrum of radiographic manifestations, Udoff, Eric J.; Genant, Harry K.; Kozin, Franklin; Ginsberg, Mark, 124: 613, 1977
- Lycoperdonosis**
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- Lymphangiography**
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- clinical value of lymphangiography: are the nodes surrounding the obturator nerve visualized? (ab), Merrin, Claude; Wajzman, Zew; Baumgartner, George; Jennings, Ethelyn, 125: 572, 1977
- comparison between lymphangiography and pelvic node dissection in the staging of prostatic cancer (ab), Loening, S. A.; Schmidt, J. P.; Brown, R. C.; Hawtrey, C. E.; Fallon, B.; Culp, D. A., 125: 572, 1977
- Lymphangiography, complications**
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- Lymphangioma**
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- angio-immunoblastic lymphadenopathy. lymphographic pattern: remarks on two cases (ab), Rouanet, J.-P.; Duperray, B.; Friquet, M.; Taboury, J.; Gorin, C., 125: 853, 1977
- lymphatics of the canine papillary muscles (ab), Uhley, H. N.; Leeds, S. E., 122: 563, 1977
- massive enlargement of the ileocecal valve due to lymphoid hyperplasia (AJR), Selke, Jr., Albert C.; Jona, Juda Z.; Belin, Robert P., 127: 518, 1976
- microradiographic studies of renal lymphatics, Clark, Richard L.; Cuttino, Jr., John T., 124: 307, 1977
- nodular lymphoid hyperplasia of the colon associated with dysgammaglobulinemia (AJR), DE Smet, Arthur A.; Tubergen, David G.; Martel, William, 127: 515, 1976
- Lymphatic system, abnormalities**
- radiological evidence of lymphatic drainage of bone marrow cavity in long bones (ab), Olszewski, W. L.; Sawicki, Z., 125: 568, 1977
- Lymphatic system, anatomy**
- lymphatic diverticulum: persistent posterior lymphatic sac demonstrated by lymphography, Nuttall, L. J.; Macdonald, J. S., 125: 693, 1977
- Lymphatic system, dilatation**
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- See also Hodgkin's disease; Lymphatic system; Lymphography; Lymphoma; Lymphosarcoma; etc.
- anterior mediastinal lymphadenopathy in sarcoidosis (AJR), Berkmen, Yahya M.; Javors, Bruce R., 127: 983, 1976
- CT confirmation of pelvic lipomatosis: two cases (AJR), Gerson, Edwin S.; Gerzof, Stephen G.; Robbins, Alan H., 129: 338, 1977
- mediastinal lymphadenopathy (SR), Blank, Norman; Castellino, Ronald A., 12: 215, 1977
- mucocutaneous lymph node syndrome with coronary artery aneurysm (ab), Radford, Dorothy J.; Sondheimer, Henry M.; Williams, Gordon J.; Fowler, Rodney S., 122: 566, 1977
- nonmalignant lymphoid disorders of the chest (AJR), Feigin, David S.; Siegelman, Stanley S.; Theros, Elias G.; King, Francis M., 129: 221, 1977
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- Lymph nodes, cysts**
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- Lymph nodes, diseases**
- case of the spring season (primary generalized amyloidosis involving the urinary tract and lymph nodes) (SR), Brown, Jerry, 12: 93, 1977
- computed tomography in progressive multifocal leukoencephalopathy (AJR), Conomy, John P.; Weinstein, Meredith A.; Agamanolis, Dimitris; Holt, Walcott S., 127: 663, 1976
- computed tomography of abdominal paraaortic lymph node disease: preliminary observations with a 6 second scanner (AJR), Marshall, Jr., William H.; Breiman, Richard S.; Harrell, George S.; Glatstein, Eli; Kaplan, Henry S., 128: 759, 1977
- effect of  $\alpha$ -( $\beta$ -hydroxyethyl)-rutoside in lymphangiography (AJR), Brooks, P. D. C., 128: 263, 1977
- lymphographical findings in disseminated tuberculosis without radiological lung manifestations (ab), Rauste, J.; Lahdensuo, A.; Suramo, I., 122: 562, 1977
- pear-shaped bladder, Ambros, Marjorie A.; Bosniak, Morton A.; Lefleur, Richard S.; Madayag, Manuel A., 122: 85, 1977
- Lymph nodes, neoplasms**
- fine needle aspiration biopsy of retroperitoneal lymph nodes and abdominal masses: updated report, Zornoza, Jesus; Jonsson, Kjell; Wallace, Sidney; Lukeman, John M., 125: 87, 1977
- transperitoneal percutaneous retroperitoneal lymph node aspiration biopsy, Zornoza, Jesus; Wallace, Sidney; Goldstein, Harvey M.; Lukeman, John M.; Jing, Bao-shan, 122: 111, 1977
- value and limitations in the differential diagnosis of retroperitoneal tumors in the lymphatic system (ab), Elke, M.; Ferstl, A.; Schwegler, N., 122: 562, 1977
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- nontraumatic para-aortic lymphocele complicating nephrolithiasis, Hyson, Eric A.; Belleza, Norberto A.; Lowman, Robert M., 124: 0648, 1977
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- McClaren, John R.; Wilkins, S. A.; Maruszczak, A. J.; Maruszczak, D.; Kirchner, Arthur B., 128: 839, 1977
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- Lymphocytopenia**  
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- Lymphography, contrast media**  
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- contributions of computed tomography in the staging and management of malignant lymphoma, Alcorn, Franklin S.; Mategrano, Victor C.; Petasnick, Jerry P.; Clark, John W., 125: 717, 1977
- diagnostic reliability of lymphography in Hodgkin's disease (ab), Zaunbauer, W.; Haertel, M.; Fuchs, W. A., 124: 576, 1977
- dysplasia of lymphatic system, Schinas, Pantelis; Eliades, Stelios, 122: 357, 1977
- evaluation of lymphography in localized carcinoma of the prostate, Spellman, Michael C.; Castellino, Ronald A.; Ray, Gordon R.; Pistenma, David A.; Bagshaw, Malcolm A., 125: 637, 1977
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- lymphography in the staging, treatment planning, and surveillance of ovarian dysgerminomas (AJR), Markovits, Paul; Bergiron, Charles; Chauvel, Chantel; Castellino, Ronald A., 128: 835, 1977
- repeat lymphography in children with Hodgkin's disease (ab), Castellino, Ronald A.; Bergiron, Charles; Markovits, Paul, 123: 541, 1977
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- Lymphography, technique**  
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- Lymphoma**  
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- gastric lymphoma: radiologic diagnosis (ab), Menuck, Leslie S., 123: 253, 1977
- lymphography in patients with suspected malignancy or fever of unexplained origin, Dunnick, N. Reed; Castellino, Ronald A., 125: 107, 1977
- massive enlargement of the ileocecal valve due to lymphoid hyperplasia (AJR), Selke, Jr., Albert C.; Jona, Jada Z.; Belin, Robert P., 127: 518, 1976
- metallic clip displacement in evaluating tumor recurrence or enlargement: source of error, Seymour, E. Quitman, 125: 118, 1977
- nodular lymphoid hyperplasia of the colon associated with dysgammaglobulinemia (AJR), DE Smet, Arthur A.; Tubergen, David G.; Martel, William, 127: 515, 1976
- non-Hodgkin's lymphoma with lung lesion (AJR), Scott, Jack M., 128: 475, 1977
- nonmalignant lymphoid disorders of the chest (AJR), Feigin, David S.; Siegelman, Stanley S.; Theros, Elias G.; King, Francis M., 129: 221, 1977
- nonmalignant venographic abnormalities of the inferior vena cava, Lien, Hans H.; Kolbenstvedt, Alf, 122: 105, 1977
- other malignant tumors of the lung (SR), Greene, Reginald; McCloud, Theresa C.; Stark, Paul, 12: 225, 1977
- primary upper small-intestinal lymphoma: a report of 40 cases from Iran (ab), Nasr, Khosrow; Haghighi, Parviz; Bakhshandeh, Kiumars; Abadi, Pari; Lahimgarzadeh, A., 122: 852, 1977
- pulmonary alveolar proteinosis: its association with hematologic malignancy and lymphoma, Carnovale, Richard L.; Zornoza, Jesus; Goldman, Arnold M.; Luna, Mario, 122: 303, 1977
- radiologic manifestations of esophageal lymphoma (AJR), Carnovale, Richard L.; Goldstein, Harvey M.; Zornoza, Jesus; Dodd, Gerald D., 128: 751, 1977
- renal lymphoma simulating adult polycystic disease, Hahn, Francis J. V.; Peterson, Noel, 122: 655, 1977
- roentgenographic features of American Burkitt's lymphoma, Alford, Bennett A.; Coccia, Peter F.; L'Heureux, Philippe R., 124: 763, 1977
- role of radiation therapy in localized resectable intestinal non-Hodgkin's lymphoma in children (ab), Nelson, Diana F.; Cassidy, J. Robert; Traggis, Demetrius; Baez-Giangreco, Atilio; Vawter, Gordon F.; Jaffe, Norman; Filler, Robert M., 124: 578, 1977
- spinal cord compression in malignant lymphoma: treatment and results (ab), Friedman, Moshe; Kim, T. H.; Panahon, Alvin M., 122: 863, 1977
- transperitoneal percutaneous retroperitoneal lymph node aspiration biopsy, Zornoza, Jesus; Wallace, Sidney; Goldstein, Harvey M.; Lukeman, John M.; Jing, Bao-shan, 122: 111, 1977
- Lymphoma, radionuclide diagnosis**  
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- clinical usefulness of  $^{67}\text{Ga}$  scanning in the malignant lymphomas (ab), McCaffrey, Joyce A.; Rudders, Richard A.; Kahn, Paul C.; Harvey, Harold A.; DeLellis, Ronald A., 122: 574, 1977
- comparison of lymphangiograms and gallium scans in the non-Hodgkin's lymphomas (ab), Cabanillas, Fernando; Zornoza, Jesus; Haynie, Thomas P.; Rodriguez, Victorio, 124: 580, 1977
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- Lymphoma, staging**  
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- laparoscopy and laparotomy in staging Hodgkin's and non-Hodgkin's lymphoma (AJR), Veronesi, U.; Spinelli, P.; Bonadonna, G.; Gennari, L.; Bajetta, E.; Beretta, G.; Tancini, G., 127: 501, 1976
- routine full-lung tomography in initial staging and treatment planning of patients with Hodgkin's disease and non-Hodgkin's lymphoma (ab), Castellino, Ronald A.; Filly, Roy; Blank, Norman, 123: 822, 1977
- scintigraphic evaluation of lymphoma: comparative study of  $^{67}\text{Ga}$ -citrate and  $^{111}\text{In}$ -bleomycin, Bekerman, Carlos; Moran, Edgar M.; Hoffer, Paul B.; Hendrix, Ronald W.; Gottschalk, Alexander, 123: 687, 1977
- ultrasound in the staging of lymphoma, Rochester, David; Bowie, James D.; Kunzmann, Axel; Lester, Eric, 124: 483, 1977
- Lymphoma, therapeutic radiology**  
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- non-Hodgkin's lymphomas of stage III extent: is total lymphoid irradiation appropriate treatment? (ab), Glatstein, Eli; Fuks, Zvi; Goffinet, Don R.; Kaplan, Henry S., 123: 259, 1977
- slipped femoral capital epiphysis as a sequela to childhood irradiation for malignant tumors, Wolf, Ellen L.; Berdon, Walter E.; Cassidy, J. Robert; Baker, David H.; Freiburger, Robert H.; Pavlov, Helene, 125: 781, 1977
- total-body irradiation with a high-dose-rate linear accelerator for bone-marrow transplantation in aplastic anemia and neoplastic disease, Kim, Tae H.; Kersey, John; Sewchand, Wilfred; Nesbit, Mark E.; Krivit, William; Levitt, Seymour H., 122: 523, 1977
- upper extremity lymphangiography in the radiation therapy of lymphomas and carcinoma of the breast, Weisenburger, Thomas H.; Juillard, Guy J. F., 122: 227, 1977
- Lymphoma, therapy**  
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- Lymphosarcoma**  
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- direct radiographic magnification for skeletal radiology: assessment of image quality and clinical application, Genant, Harry K.; Doi, Kunio; Mall, Jay C.; Sickles, Edward A., 123: 47, 1977
- magnification film mammography: image quality and clinical studies, Sickles, Edward A.; Doi, Kunio; Genant, Harry K., 125: 69, 1977
- noise reduction by radiographic magnification, Doi, Kunio; Imhof, Herwig, 122: 479, 1977
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- Malformations, arteriovenous**  
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- angiography of massive hemorrhage secondary to pancreatic disease, Walter, Joseph F.; Chuang, Vincent P.; Bookstein, Joseph J.; Reuter, Stewart R.; Cho, Kyung J.; Pulmano, Colinto M., 124: 337, 1977
- arteriovenous malformation of the vein of Galen: treatment in a neonate (ab), Watson, David G.; Smith, Robert R.; Brann, Jr., Alfred W., 122: 560, 1977
- catheter therapy: fluoroscopic monitoring of deliberate embolic occlusion, Kerber, Charles W., 125: 538, 1977
- hepatic hemangiomas: successful management by hepatic artery ligation (ab), Laird, W. Penneck; Friedman, Sidney; Koop, C. Everett; Schwartz, George J., 122: 562, 1977
- persistent primitive sciatic artery, Nicholson, Richard L.; Pastorshek, Stephen P.; Bharadwaj, Baikunth B., 122: 687, 1977
- Malformations, arteriovenous, cerebral**  
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- computed tomography in intracranial arteriovenous malformations, Terbrugge, Karel; Scotti, Giuseppe; Ethier, Romeo;

- Melancon, Denis; Tchang, Stanley; Milner, Curt, 122: 703, 1977
- computed tomography of angiographically occult cerebral vascular malformations, Kramer, Richard A.; Wing, S. Douglas, 123: 649, 1977
- facial nevi associated with anomalous venous return and hydrocephalus (ab), Shapiro, Kenneth; Shulman, Kenneth, 122: 851, 1977
- tentorium in axial section. I. normal CT appearance and non-neoplastic pathology, Naidich, Thomas P.; Leeds, Norman E.; Kricheff, Irvin I.; Pudlowski, Rochelle M.; Naidich, James B.; Zimmerman, Robert D., 123: 631, 1977
- Malformations, arteriovenous, cranial**  
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- arteriovenous malformation simulating Meckel's diverticulum on <sup>99m</sup>Tc-pertechnetate abdominal scintigraphy, Siddiqui, Aslam; Ryo, U. Yun; Pinsky, Steven M., 122: 173, 1977
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- giant dural supratentorial arteriovenous malformation (AJR), Gordon, Ira J.; Shah, Bhavesh L.; Hardman, Donald R.; Chameides, Leon, 129: 734, 1977
- Malformations, arteriovenous, renal**  
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- nonsurgical closure of large arteriovenous fistulas (ab), Castaneda-Zuniga, W. R.; Tadavarthi, S. J.; Jothy; Murphy, William; Beranek, Ivo; Amplatz, Kurt, 125: 567, 1977
- reversible renal hypertension secondary to renal arteriovenous fistula and renal cell carcinoma (ab), Moore, Michael A.; Philippi, Paul J., 123: 827, 1977
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- present status of thermography, ultrasound and mammography in breast cancer detection (ab), Dodd, Gerald D., 125: 565, 1977
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- thermography, mammography, and clinical examination in breast cancer screening: review of 16,000 studies, Feig, Stephen A.; Shaber, Gary S.; Schwartz, Gordon F.; Libshitz, Herman I.; Edeiken, Jack; Nerlinger, Rudolph; Curley, Robert F.; Wallace, John D.; Patchefsky, Arthur S., 122: 123, 1977
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- determination of x-ray spectra incident on and transmitted through breast tissue (corr), Haus, Arthur G.; Metz, Charles E.; Doi, Kunio; Bernstein, Joel, 125: 816, 1977
- image quality in mammography, Haus, Arthur G.; Doi, Kunio; Metz, Charles E.; Bernstein, Joel, 125: 77, 1977
- preliminary studies using electron radiography for mammography, Muntz, E. Phillip; Meyers, H.; Wilkinson, Evelyn; Jacobson, George, 125: 517, 1977
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- determination of x-ray spectra incident on and transmitted through breast tissue (corr), Haus, Arthur G.; Metz, Charles E.; Doi, Kunio; Bernstein, Joel, 125: 816, 1977
- diagnosis of breast cancer in mammograms by the evaluation of density patterns, Smith, Kennan T.; Wagner, Sheldon L.; Guenther, Ronald B., 125: 383, 1977
- image quality in mammography, Haus, Arthur G.; Doi, Kunio; Metz, Charles E.; Bernstein, Joel, 125: 77, 1977
- magnification film mammography: image quality and clinical studies, Sickles, Edward A.; Doi, Kunio; Genant, Harry K., 125: 69, 1977
- negative-mode soft-tissue xeroradiography, Osterman, Jr., Floyd A.; Zeman, Gary H.; Rao, Gopala U. V.; Gayler, Bob; Kirk, Barbara G.; James, Jr., A. Everette, 124: 689, 1977
- preliminary studies using electron radiography for mammography, Muntz, E. Phillip; Meyers, H.; Wilkinson, Evelyn; Jacobson, George, 125: 517, 1977
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- Mediastinum**  
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- mediastinal lipomatosis in simple obesity (ab), Lee, Won J.; Fattal, G., 122: 276, 1977
- pancreatic pseudocyst of the mediastinum, Kirchner, Sandra G.; Heller, Richard M.; Smith, Clyde W., 123: 37, 1977
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Fibrous mediastinitis: late manifestation of mediastinal histoplasmosis, Wieder, Sheldon; Rabinowitz, Jack G., 125: 305, 1977
- Mediastinum, neoplasms**  
angiographic appearance of thymic tumors, Githlin, Jan; Jonsson, Kjell; Lunderquist, Anders; Rausing, Alf; Albuquerque, Leopoldo Martin, 124: 47, 1977
- <sup>67</sup>Co labeled bleomycin in the scintigraphic diagnosis of malignant tumors in the thorax (ab), Lucot, H.; Blasco, A.; Bollinelli, R.; Boneu, A.; Bru, A.; Combes, P. F.; Vigoni, A., 122: 865, 1977
- dilatation of azygos vein simulating mediastinal tumour (ab), Batistich, A. T., 125: 853, 1977
- mammary anterior mediastinal pseudotumour (ab), Keats, Theodore E., 124: 567, 1977
- mediastinal lymphadenopathy (SR), Blank, Norman; Castellino, Ronald A., 122: 215, 1977
- mediastinal teratoma confused with loculated pleural fluid (ab), Shackelford, Gary D.; McAlister, William H., 125: 567, 1977
- mycotic aortic aneurysm in premature infants, Faer, Michael J.; Taybi, Hooshang, 125: 177, 1977
- Medical records**  
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- Medicolegal problems**  
accuracy of radiologic identification of humans using skeletal landmarks: contribution to forensic pathology, Martel, William; Wicks, Jeffrey D.; Hendrix, Robert C., 124: 681, 1977
- does the "missed" radiographic diagnosis constitute malpractice? (opin), Berlin, Leonard, 123: 523, 1977
- informed consent: some newer aspects and their relation to the specialty of radiology (opin), James, Jr., A. Everette; Johnson, Burton A.; Hall, Donald J., 123: 809, 1977

- legal aspects of radiology (Nashville, Tenn.), 125: 788, 1977
- some applications of the law of evidence to the specialty of radiology (opin), James, Jr., A. Everett; Hall, Donald J.; Johnson, Burton A., 124: 845, 1977
- Mediterranean fever**  
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- Medulla oblongata**  
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- Medulla oblongata, effects of irradiation**  
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- Medulla oblongata, neoplasms**  
anterior pontomesencephalic vein and basilar artery in exophytic brainstem glioma, Sarwar, Mohammad; Batnitzky, Solomon; Schechter, Mannie M., 124: 403, 1977  
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- Mega-antrum**  
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- Megacallosis**  
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- Megacolon**  
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- Melamed, Myron**  
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- Melanin**  
genetics and cancer of the gastrointestinal system: annual oration in honor of Herbert M. Stauffer, M.D., 1914-1970, Dodd, Gerald D., 123: 263, 1977
- Melanoma**  
calcification in a paraspinal malignant melanoma in a child (AJR), Stanley, Philip; Siegel, Stuart E.; Isaacs, Hart, 129: 143, 1977  
gallium-67 scintigraphy in multisystem malignant melanoma, Jackson, Frank I.; McPherson, T. Alexander; Lentle, Brian C., 122: 163, 1977  
malignant melanoma and the central nervous system: guide for classification based on the clinical findings (ab), Hayward, R. D., 122: 271, 1977  
melanoma of the pituitary: case report (ab), Scholtz, Carl L.; Siu, Kevin, 122: 850, 1977  
metastatic melanoma: another cause of a solitary pulmonary nodule with an air bronchogram, ZuWallack, Richard L.; Urman, Jeffrey D.; Lahiri, Bimalin, 123: 286, 1977  
metastatic melanoma presenting clinically as multiple colonic polyps (AJR), Sacks, Barry A.; Joffe, Norman; Antonioli, Donald A., 129: 511, 1977  
metastatic tumor presenting as intracerebral hemorrhage: report of 6 cases examined by computed tomography, Gildersleeve, Jr., Nathaniel; Koo, Andrew H.; McDonald, Cyril J., 124: 109, 1977  
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- Melnick-Needles syndrome**  
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- Mendelson's syndrome**  
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- Menetrier's disease**  
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- Meninges**  
See also Arachnoid; Meningitis; Meningocele  
familial osteosclerosis with abnormalities of the nervous system and meninges (ab), Lehman, Ralph A. W.; Stears, John C.; Wesenberg, Richard L.; Nusbaum, E. Daniel, 125: 280, 1977  
tentorium in axial section. I. normal CT appearance and non-neoplastic pathology, Naidich, Thomas P.; Leeds, Norman E.; Kricheff, Irvin I.; Pudlowski, Rochelle M.; Naidich, James B.; Zimmerman, Robert D., 123: 631, 1977
- Meninges, abnormalities**  
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- Meninges, abscess**  
evaluation of brain and epidural abscesses by computed tomography, Lott, Thomas; El Gammal, Taher; Dasilva, Rui; Hanks, Dan; Reynolds, Johnny, 122: 371, 1977
- Meninges, cysts**  
epidural mastoid pneumatocele, Madeira, J. Tony; Summers, Gordon W., 122: 727, 1977  
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- Meninges, hematoma**  
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- Meninges, hemorrhage**  
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importance of perfusion imaging in brain scintigraphy for subdural hematoma, dos Remedios, Leo V.; Weber, Paul M., 123: 698, 1977  
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- Meninges, inflammation**  
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- Meninges, neoplasms**  
computed tomography: anatomic basis of zone of diminished density surrounding meningiomas (ab), Sigel, Richard M.; Messina, Albert V., 123: 830, 1977  
computerized tomography in the diagnosis of sellar and parasellar lesions (SR), Leeds, Norman E.; Naidich, Thomas P., 12: 121, 1977  
CT in the diagnosis of supratentorial tumors (SR), Davis, David O., 12: 97, 1977  
meningioma following irradiation (ab), Watts, Clark, 124: 287, 1977  
prognosis in meningioma through evaluation of skull bone patterns, Olmsted, William W.; McGee, Thomas P., 123: 375, 1977  
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tentorium in axial section. II. lesion localization, Naidich, Thomas P.; Leeds, Norman E.; Kricheff, Irvin I.; Pudlowski, Rochelle M.; Naidich, James B.; Zimmerman, Robert D., 123: 639, 1977  
uptake of  $^{131}\text{I}$  by a papillary meningioma (AJR), Preisman, Robert A.; Halpern, Samuel E.; Shishido, Ralph; Waltz, Thomas; Callipari, Frank; Reit, Russell, 129: 349, 1977
- Meninges, wounds and injuries**  
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- Meningioma**  
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- Meningitis**  
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recurrent meningitis and labyrinthine gusher, related to congenital defects of the labyrinthine capsule and staples footplate (ab), Hipskind, M. M.; Lindsay, John R.; Jones, Thomas D.; Valvassori, Galdino E., 122: 275, 1977  
spondylotic deformity of the lumbar spine and previous lumbar punctures (ab), Lintermans, J. P.; Seyhnaeve, V., 125: 281, 1977  
widened sutures in childhood meningitis: unrecognized sign of an acute illness (AJR), Holmes, Ronald D.; Kuhns, Lawrence R.; Oliver, William J., 128: 977, 1977
- Meningocele**  
acquired spontaneous, nontraumatic normal-pressure cerebrospinal fluid fistulas originating from the middle fossa, Kaufman, Benjamin; Nulsen, Frank E.; Weiss, Martin H.; Brodkey, Jerald S.; White, Robert J.; Sykora, Glenn F., 122: 379, 1977  
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- Meningomyelocele**  
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- Menisci**  
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- Mesenchyma**  
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- Mesentery, abnormalities**  
volvulus of the colon in a child with congenital asplenia (Ivemark's syndrome), Markowitz, Richard I.; Shashikumar, V. L.; Capitanio, Marie A., 122: 442, 1977
- Mesentery, anatomy**  
clinical involvement of the mesenteric and antimesenteric borders of small intestinal loops: I. normal pattern and relationships (ab), Meyers, Morton A., 122: 563, 1977  
clinical involvement of the mesenteric and antimesenteric borders of small intestinal loops: II. radiologic interpretation of pathologic alterations (ab), Meyers, Morton A., 122: 563, 1977
- Mesentery, infarction**  
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scintigraphic diagnosis of ischemic intestine with technetium-99m sulfur colloid-labeled leukocytes, Bardfield, Philip A.; Boley, Scott J.; Sammartano, Robert J.; Bontemps, Robert, 124: 439, 1977
- Mesentery, neoplasms**  
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- Mesons**  
current status of clinical pion radiotherapy, Kligerman, Morton M.; Black, William C.; Yuhas, John M.; Doberneck, Raymond C.; Bradbury, James N.; Kelsey, Charles A., 125: 489, 1977  
initial performance of the Stanford Medical Pion Generator, Pistenma, David A.; Fessenden, P.; Boyd, D. P.; Luxton, G.; Taber, R.; Bagshaw, Malcolm A., 122: 527, 1977
- Mesothelioma**  
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- Metaphyses**  
See also Bones  
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effects of radiation therapy on growing long bones (AJR), De Smet, Arthur A.; Kuhns, Lawrence R.; Fayos, Juan V.; Holt, John F., 127: 935, 1976  
metaphyseal chondroblastoma of bone (AJR), Aronson, Richard S.; Hart, William R.; Martel, William, 127: 686, 1976
- Methodretrate**  
computed tomographic appearance of methodretrate-induced necrotizing leukoencephalopathy, Bjorgen, John E.; Gold, Lawrence H. A., 122: 377, 1977
- Metrizamide**  
See Contrast media  
amipaque: new contrast medium in coronary angiography: report of a double-blind study in man, Enge, Ivar; Nitter-Hauge, S.; Andrew, E.; Levorstad, K., 125: 317, 1977  
cervical myelography with water-soluble contrast medium (metrizamide): technique and preliminary results (ab), Vogelsang, H.; Busse, O.; Schmidt, R., 122: 858, 1977  
effects of contrast media on the conducting system of the heart: mechanism of action and identification of toxic component, Higgins, Charles B., 124: 599, 1977  
experimental production of arachnoiditis with water-soluble myelographic media, Haughton, Victor M.; Ho, Khang-Cheng; Larson, Sanford J.; Unger, George F.; Correa-Paz, Francisco, 123: 681, 1977  
lumbar myelography with metrizamide—new non-ionic contrast medium (ab), Grainger, R. G.; Kendall, B. E.; Wylie, I. G., 124: 573, 1977  
metrizamide cisternography with hypocycoloidal tomography: preliminary results (AJR), Roberson, Glenn H.; Brismar, Jan; Davis, Kenneth R.; Taveras, Juan M.; Weiss, Alfred, 127: 965, 1976  
metrizamide computed tomography cisternography: pediatric applications, Drayer, Burton P.; Rosenbaum, Arthur E.;



- Reigel, Donald B.; Bank, William O.; Deeb, Ziad L., 124: 349, 1977
- metrizamide—CSF contrast medium: analysis of clinical application in 215 patients.** Sackett, Joseph F.; Strother, Charles M.; Quagliari, Charles E.; Javid, Manucher J.; Levin, Allan B.; Duff, Thomas A., 123: 0779, 1977
- metrizamide in pediatric myelography.** Barry, Jonathan F.; Harwood-Nash, Derek C.; Fitz, Charles R.; Byrd, Sharon E.; Boldt, David W., 124: 409, 1977
- metrizamide myelography (AJR).** Boyd, Wayne R.; Gardiner, Jr., Geoffrey A., 129: 481, 1977
- posterior fossa extraaxial cyst: diagnosis with metrizamide CT cisternography (AJR).** Drayer, Burton P.; Rosenbaum, Arthur E.; Maroon, Joseph C.; Bank, William O.; Woodford, John E., 128: 431, 1977
- toxicity of metrizamide (L).** Salvesen, Sigbjorn; Sovak, Milos; Lang, Joseph H.; Rosen, Lowell, 123: 241, 1977
- Migraine**  
computerized axial tomography in patients with severe migraine: preliminary report (ab), Hungerford, G. D.; du Boulay, G. H.; Zilkha, K. J., 125: 275, 1977
- Mitral valve**  
mycotic aneurysm of the mitral valve complicating aortic valve endocarditis (AJR), Barack, Bruce M.; Grollman, Jr., J. H.; Olinger, Gordon N.; Levisman, Jorge A.; MacAlpin, Rex N., 128: 308, 1977
- Mitral valve, calcification**  
echocardiographic and clinical spectrum of mitral anular calcification (ab), Gabor, George E.; Mohr, Brian D.; Goel, Prem C.; Cohen, Baruch, 123: 257, 1977  
ultrasonic features of mitral annulus calcification: report of 21 cases, Curati, Walter L.; Petitclerc, Robert; Winsberg, Fred, 122: 215, 1977
- Mitral valve, insufficiency**  
non-rheumatic acute mitral insufficiency caused by ruptured chordae tendinae (ab), Buonocore, Edward; Acker, James J.; Blake, Hu A., 122: 852, 1977  
supracristal ventricular septal defects: spectrum of associated lesions and complications (AJR), Jaffe, Richard B.; Scherer, James L., 128: 629, 1977
- Mitral valve, obstruction**  
assessment of mitral stenosis and prosthetic mitral valve obstruction, using the posterior aortic wall echocardiogram (ab), Strunk, Brian L.; London, Elizabeth J.; Fitzgerald, John W.; Popp, Richard L.; Barry, William H., 125: 286, 1977
- Mitral valve, prolapse**  
cardiac, skeletal and ophthalmologic abnormalities in relatives of patients with the Marfan syndrome (ab), Payvandi, Mohammad Naser; Kerber, Richard E.; Phelps, Charles D.; Judisch, George F.; Elkhoury, George; Schrott, Helmut G., 125: 286, 1977  
echocardiographic identification of the mitral valve prolapse syndrome (ab), DeMaria, Anthony N.; Neumann, Alexander; Lee, Garrett; Mason, Dean T., 125: 573, 1977  
echocardiographic observations on the association between mitral valve prolapse and asymmetric septal hypertrophy (ab), Chandraratna, P. A. N.; Tolentino, A. O.; Mutucumarana, W.; Gomez, A. Lopez, 125: 286, 1977  
echocardiographic spectrum of mitral valve motion in children with and without mitral valve prolapse: nature of false positive diagnosis (ab), Sahn, David J.; Wood, Janice; Allen, Hugh D.; Peoples, William; Goldberg, Stanley J., 124: 861, 1977  
echocardiographic studies of abnormalities associated with coarctation of the aorta (ab), Scovill, James A.; Nanda, Navin C.; Gross, Charles M.; Lombardi, Anthony C.; Gramiak, Raymond; Lipchik, Elliot O.; Manning, James A., 122: 570, 1977  
membranous subaortic stenosis complicated by aneurysm of the membranous septum and mitral valve prolapse (ab), Caudill, Christopher C.; Krueger, Stephen K.; Wilson, Charles S.; Rourke, Terry; Policky, David B.; Weaver, Walt F., 122: 285, 1977  
mitral valve prolapse syndrome in childhood (ab), Schmaltz, A. A.; Ibrahim, Z., 125: 853, 1977  
mitral valve prolapse: two-dimensional echocardiographic and angiographic correlation (ab), Gilbert, Brian W.; Schatz, Richard A.; VonRamm, Olaf T.; Behar, Victor S.; Kisslo, Joseph A., 123: 258, 1977
- significance of mitral valve prolapse in middle-aged and elderly men (ab), Higgins, Charles B.; Reinke, Robert T.; Gosink, Barbara B.; Leopold, George R., 123: 541, 1977
- stress electrocardiography in Uhl's anomaly with mitral valve prolapse (ab).** Desser, Kenneth B.; Promisloff, Steven D.; Yellen, Laurence G.; Benchimol, Alberto, 122: 852, 1977
- systolic retraction of the aortic valve in mitral valve prolapse: echocardiographic correlation with external pulse tracings (ab).** Howard, Paul F.; Desser, Kenneth B.; Benchimol, Alberto, 124: 861, 1977
- toward automation of echocardiography.** Chu, Wei-Kom; Chandraratna, P. A. N.; Raeside, David E.; Brown, Ross E.; Poehlman, Harold, 123: 795, 1977
- Mitral valve, stenosis**  
assessment of mitral stenosis and prosthetic mitral valve obstruction, using the posterior aortic wall echocardiogram (ab), Strunk, Brian L.; London, Elizabeth J.; Fitzgerald, John W.; Popp, Richard L.; Barry, William H., 125: 286, 1977  
echocardiographic evaluation of patients with mitral stenosis (ab), Henry, Walter L.; Kastl, David G., 125: 573, 1977  
flutter of left ventricular structures in patients with aortic regurgitation, with special reference to patients with associated mitral stenosis (ab), D'Cruz, Ivan; Cohen, Howard C.; Prabhu, Ravindra; Ayabe, Takao; Glick, Gerald, 123: 542, 1977  
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- Mitral valve, ultrasound**  
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echocardiographic and phonocardiographic confirmation of suspected caged mitral valve malfunction (ab), Berndt, Theodore B.; Goodman, Daniel J.; Popp, Richard L., 122: 567, 1977  
echocardiographic diagnosis of mitral regurgitation in congestive cardiomyopathy (ab), Levisman, Jorge A., 123: 832, 1977  
echocardiographic diagnosis of thrombus on a heterograft aortic valve in the mitral position (ab), Block, Jr., Winston N.; Felner, Joel M.; Wickliffe, Charles; Symbas, Panagiotis N., 122: 567, 1977  
echocardiographic evaluation of patients with mitral stenosis (ab), Henry, Walter L.; Kastl, David G., 125: 573, 1977  
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echocardiographic spectrum of mitral valve motion in children with and without mitral valve prolapse: nature of false positive diagnosis (ab), Sahn, David J.; Wood, Janice; Allen, Hugh D.; Peoples, William; Goldberg, Stanley J., 124: 861, 1977  
echocardiography of double outlet right ventricle: new diagnostic criteria, Yeh, Hsu-Chong; Wolf, Bernard S.; Steinfield, Leonard; Baron, Murray G., 123: 435, 1977  
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mitral valve prolapse: two-dimensional echocardiographic and angiographic correlation (ab), Gilbert, Brian W.; Schatz, Richard A.; VonRamm, Olaf T.; Behar, Victor S.; Kisslo, Joseph A., 123: 258, 1977
- Richard A.; VonRamm, Olaf T.; Behar, Victor S.; Kisslo, Joseph A., 123: 258, 1977
- posterior leaflet motion in mitral stenosis (ab).** Glasser, Stephen P.; Faris, James V., 123: 833, 1977
- serial echocardiographic abnormalities in nonbacterial thrombotic endocarditis of the mitral valve (ab).** Estevez, Carlos M.; Corya, Betty C., 122: 567, 1977
- significance of mitral valve prolapse in middle-aged and elderly men (ab).** Higgins, Charles B.; Reinke, Robert T.; Gosink, Barbara B.; Leopold, George R., 123: 541, 1977
- systolic anterior motion of the mitral valve without asymmetric septal hypertrophy (ab).** Bulkley, Bernadine H.; Fortuin, Nicholas J., 122: 568, 1977
- systolic mitral flutter, an echocardiographic clue to the diagnosis of ruptured chordae tendinae (ab).** Meyer, Jerry F.; Frank, M. Jeffrey; Goldberg, Samuel; Cheng, Tsung O., 123: 832, 1977
- systolic retraction of the aortic valve in mitral valve prolapse: echocardiographic correlation with external pulse tracings (ab).** Howard, Paul F.; Desser, Kenneth B.; Benchimol, Alberto, 124: 861, 1977
- two-dimensional echocardiographic assessment of mitral stenosis (ab).** Nichol, Peter M.; Gilbert, Brian W.; Kisslo, Joseph A., 123: 833, 1977
- ultrasonic features of mitral annulus calcification: report of 21 cases.** Curati, Walter L.; Petitclerc, Robert; Winsberg, Fred, 122: 215, 1977
- Modulation transfer function**  
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- Monomethylhydrazine**  
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- Moon-Laurence-Bardet-Biedl syndrome**  
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- Morquio's syndrome**  
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- Mouth, cysts**  
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- Mouth, neoplasms**  
persistent carcinoma of the oropharynx and oral cavity re-treated by after-loading interstitial <sup>192</sup>Ir implant (ab), Syed, A. M. Nisar; Feder, Bernard H.; George, III, F. W., 125: 861, 1977  
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- Moyamoya disease**  
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- Mucopolipidosis**  
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- Muscles**  
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- Muscles, amyoplasia congenita**  
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- Muscles, pectoral**  
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- Muscles, radionuclide studies**  
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- Mustard procedure**  
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- Mycosis fungoides**  
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- Myelofibrosis**  
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- Myelography**  
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- Myelography, apparatus and equipment**  
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- Myelography, complications**  
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postoperative myelogram: radiographic evaluation of arachnoiditis and dural/arachnoid tears, Quencer, Robert M.; Tenner, Michael S.; Rothman, Lewis, 123: 667, 1977  
respiratory arrest: fatal complication of myelography, Benedict, Jr., Karl T.; Janower, Murray L., 122: 729, 1977
- Myelography, contrast media**  
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cervical myelography with water-soluble contrast medium (metrizamide): technique and preliminary results (ab), Vogelsang, H.; Busse, O.; Schmidt, R., 122: 858, 1977  
experimental production of arachnoiditis with water-soluble myelographic media, Haughton, Victor M.; Ho, Khang-Cheng; Larson, Sanford J.; Unger, George F.; Correa-Paz, Francisco, 123: 681, 1977  
lumbar myelography with metrizamide—new non-ionic contrast medium (ab), Grainger, R. G.; Kendall, B. E.; Wylie, I. G., 124: 573, 1977  
metrizamide—CSF contrast medium: analysis of clinical application in 215 patients, Sackett, Joseph F.; Strother, Charles M.; Quagliari, Charles E.; Javid, Manucher J.; Levin, Allan B.; Duff, Thomas A., 123: 0779, 1977  
metrizamide in pediatric myelography, Barry, Jonathan F.; Harwood-Nash, Derek C.; Fitz, Charles R.; Byrd, Sharon E.; Boldt, David W., 124: 409, 1977  
metrizamide myelography (AJR), Boyd, Wayne R.; Gardiner, Jr., Geoffrey A., 129: 481, 1977  
positive and negative contrast myelography in spinal trauma, Pay, Norman T.; George, Ajax E.; Benjamin, M. Vallo; Bergeron, R. Thomas; Lin, Joseph P.; Kricheff, Irvin L., 123: 103, 1977  
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- Myelography, indications**  
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- Myelography, technique**  
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cervical spine lateral horizontal beam technique, Tenney, Richard F.; Kerekes, Ernest S., 124: 520, 1977  
lumbar spinal stenosis (RCNA), Epstein, Bernard S.; Epstein, Joseph A.; Jones, Malcolm D., 15: 227, 1977  
metrizamide myelography (AJR), Boyd, Wayne R.; Gardiner, Jr., Geoffrey A., 129: 481, 1977
- Myeloma**  
renal peripelvic plasmacytoma: unusual radiographic findings (AJR), Silver, Terry M.; Thornbury, John R.; Teears, Robert J., 128: 313, 1977  
solitary renal plasmacytoma with palisading tumor vascularity, Siemers, Paul T.; Coel, Marc N., 123: 597, 1977  
use of rare-earth radionuclides and other bone-seekers in the evaluation of bone lesions in patients with multiple myeloma or solitary plasmacytoma, Hubner, Karl F.; Andrews, Gould A.; Hayes, Raymond L.; Poggenburg, Jr., J. Kenneth; Solomon, Alan, 125: 171, 1977
- Myelomeningocele**  
See Spina bifida
- Myelosclerosis**  
See Spine, sclerosis
- Myoblastoma**  
benign tumors of the lung (SR), Madewell, John E.; Feigin, David S., 12: 175, 1977
- Myocardium**  
See also Heart
- Myocardium, blood supply**  
myocardial imaging with  $^{123}\text{I}$ -hexadecenoic acid, Poe, Norman D.; Robinson, Jr., Gerald D.; Zielinski, Florian W.; Cabene, Jr., William R.; Smith, James W.; Gomes, Antoinette S., 124: 419, 1977
- Myocardium, calcification**  
computed tomography: *in vitro* evaluation of myocardial infarction, Gray, Jr., William R.; Parkey, Robert W.; Buja, L. Maximilian; Stokely, Ernest M.; McAllister, Robert E.; Bonte, Frederick J.; Willerson, James T., 122: 511, 1977
- Myocardium, effects of irradiation**  
radiation-related myocardial injury: management of two cases (ab), Ali, M. K.; Khalil, K. G.; Fuller, L. M.; Leachman, R. D.; Sullivan, M. P.; Loh, K. K.; Gamble, J. F.; Shullenberger, C. C., 124: 288, 1977
- Myocardium, infarction**  
chest x-ray in acute left ventricular power failure: aid to determining prognosis of patients supported by intra-aortic balloon pumping (ab), Cascade, Phillip N.; Kantrowitz, Adrian; Wajszczuk, Waldemar J.; Rubenfire, Melvin, 123: 536, 1977  
computed tomography: *in vitro* evaluation of myocardial infarction, Gray, Jr., William R.; Parkey, Robert W.; Buja, L. Maximilian; Stokely, Ernest M.; McAllister, Robert E.; Bonte, Frederick J.; Willerson, James T., 122: 511, 1977  
critical review of the efficacy of  $^{99m}\text{Tc}$  pyrophosphate in detecting myocardial infarction in 103 patients, Tetelman, Marc R.; Foley, L. Christopher; Spencer, Crispin P.; Bishop, Sanford P., 124: 431, 1977  
differences in velocity-displacement relationship of systolic contraction of normal and ischemic canine myocardium, Rosen, Lowell; Silverman, Norman R.; Higgins, Charles B., 124: 7, 1977  
differing attenuation coefficients of normal and infarcted myocardium (ab), Adams, Douglass F.; Hessel, Samuel J.; Judy, Philip F.; Stein, Jay A.; Abrams, Herbert L., 122: 562, 1977  
echoventriculography in acute myocardial infarction. III. clinical correlations and implication of the noninfarcted myocardium (ab), Nieminen, Markku; Heikkila, Juhani, 122: 569, 1977  
efficacy of thallium 201,  $^{99m}\text{Tc}$  phosphates, and  $^{99m}\text{Tc}$  MAA in localizing small myocardial infarctions in the pig, Tetelman, Marc R.; Foley, L. Christopher; Spencer, Crispin P.; Bishop, Sanford P., 124: 433, 1977  
evaluation of early myocardial ischemia with Thallium-201 in the pig, Schwartz, Jeffrey S.; Ponto, Richard A.; Forstrom, Lee A.; Carlyle, Peter F.; McGregor, Leslie R.; Cohn, Jay N.; Loken, Merle K., 125: 429, 1977  
evaluation of radioactive potassium and its analogues for imaging myocardial infarcts (ab), Gorten, Ralph J., 123: 834, 1977  
false positive  $^{99m}\text{Tc}$  (Sn) pyrophosphate myocardial infarct images related to delayed blood pool clearance (ab), Klein, Milton S.; Coleman, R. Edward; Roberts, Robert; Weiss, Alan, N., 122: 573, 1977  
improved myocardial infarct localization by combination of scintigraphy and ventricular wall motion evaluation, Van Hove, Eugene D.; Heck, Larry L.; Kight, Jerry L., 124: 425, 1977  
*in vitro* computed tomography of human heart, White, Jr., Robert L.; Leo, Frank P.; Kaufman, Stephen L.; Bulkley, Bernadine H.; Hutchins, Grover M., 123: 777, 1977  
myocardial infarct imaging with technetium-labeled complexes (ab), Holman, B. Leonard; Davis, Michael A.; Hanson, Robert N., 123: 834, 1977  
myocardial infarction in younger women: associated clinical features and relationship to use of oral contraceptive drugs (ab), Arthes, Federico G.; Masi, Alfonso T., 123: 251, 1977  
persistence of an abnormal pattern on  $^{99m}\text{Tc}$  pyrophosphate myocardial scintigraphy following acute myocardial infarction (ab), Lyons, Kenneth P.; Olson, Harold G.; Brown, W. Theron; Aronow, Wilbert S.; Kuperus, John, 124: 579, 1977  
persistently positive  $^{99m}\text{Tc}$ -pyrophosphate myocardial scintigram in a patient with a left ventricular aneurysm (ab), Curry, Jr. R. Charles; Jackman, W. M., 122: 866, 1977  
positive  $^{99m}\text{Tc}$ -stannous pyrophosphate myocardial image in a patient with carcinoma of the lung, Harford, William; Weinberg, Michael N.; Buja, L. Maximilian; Parkey, Robert W.; Bonte, Frederick J.; Willerson, James T., 122: 747, 1977  
radionuclide cardioangiography of an adjunct to acute myocardial infarct scintigraphy (ab), Kan, Michael K.; Hopkins, G. Bruce, 124: 287, 1977  
ventricular septal defect complicating acute myocardial infarction: echocardiographic demonstration confirmed by angiocardiograms and surgery (ab), Kerin, Nicholas Z.; Edelstein, Josef; DeRue, Robert G., 122: 862, 1977
- Myocardium, inflammation**  
hyper eosinophilic syndrome with biventricular involvement (ab), Hall, Jr., Samuel W.; Theologides, Athanasios; From, Arthur H. L.; Gobel, Frederick L.; Fortuny, Ignacio E.; Lawrence, Cheryl J.; Edward, Jesse E., 124: 283, 1977
- Myocardium, radionuclide studies**  
calcified costal cartilage as a cause of false interpretation on myocardial imaging (ab), Kim, Euisin, 124: 287, 1977  
clinical experience: technetium 99m labeled phosphates in myocardial imaging (ab), Perez, Louis A., 122: 288, 1977  
critical review of the efficacy of  $^{99m}\text{Tc}$  pyrophosphate in detecting myocardial infarction in 103 patients, Tetelman, Marc R.; Foley, L. Christopher; Spencer, Crispin P.; Bishop, Sanford P., 124: 431, 1977  
evaluation of early myocardial ischemia with Thallium-201 in the pig, Schwartz, Jeffrey S.; Ponto, Richard A.; Forstrom, Lee A.; Carlyle, Peter F.; McGregor, Leslie R.; Cohn, Jay N.; Loken, Merle K., 125: 429, 1977  
evaluation of myocardial uptake of  $^{99m}\text{Tc}$  pyrophosphate in clinical exercise-induced ventricular ischemia (ab), Berman, Daniel S.; Salel, Antoine F.; Amsterdam, Ezra A.; DeNardo, Gerald L.; Mason, Dean T., 124: 580, 1977  
evaluation of radioactive potassium and its analogues for imaging myocardial infarcts (ab), Gorten, Ralph J., 123: 834, 1977  
experimental approaches to myocardial function studies:  $\text{C}^{15}\text{O}_2$  and  $^{81m}\text{Kr}$  (ab), Polcyn, Robert E.; Nickles, R. Jerome, 123: 834, 1977  
false positive  $^{99m}\text{Tc}$  (Sn) pyrophosphate myocardial infarct images related to delayed blood pool clearance (ab), Klein, Milton S.; Coleman, R. Edward; Roberts, Robert; Weiss, Alan, N., 122: 573, 1977  
imaging of experimental myocardial contusion: observations and pathologic correlations (AJR), Gonzalez, A. C.; Waldo, W.; Harlaftis, N.; Gravanis, M.; Symbas, P. N., 128: 1039, 1977  
improved myocardial infarct localization by combination of scintigraphy and ventricular wall motion evaluation, Van Hove, Eugene D.; Heck, Larry L.; Kight, Jerry L., 124: 425, 1977  
myocardial imaging with  $^{123}\text{I}$ -hexadecenoic acid, Poe, Norman D.; Robinson, Jr., Gerald D.; Zielinski, Florian W.; Cabene, Jr., William R.; Smith, James W.; Gomes, Antoinette S., 124: 419, 1977  
myocardial infarct imaging with technetium-99m phosphates (ab), Parkey, Robert W.; Bonte, Frederick J.; Buja, L. Maximilian; Stokely, Ernest M.; Willerson, James T., 123: 834, 1977  
myocardial infarct imaging with technetium-labeled complexes (ab), Holman, B. Leonard; Davis, Michael A.; Hanson, Robert N., 123: 834, 1977  
nitrogen-13-labeled ammonia for myocardial imaging (ab), Walsh, Warren F.; Fill, Heiko R.; Harper, Paul V., 123: 834, 1977

- particulate myocardial perfusion scintigraphy: clinical usefulness in evaluation of coronary artery disease (ab), Kirk, Gerald A.; Adams, Ralph; Jansen, Carl; Judkins, Melvin P., 123: 834, 1977
- presence of an abnormal pattern on  $^{99m}\text{Tc}$  pyrophosphate myocardial scintigraphy following acute myocardial infarction (ab), Lyons, Kenneth P.; Olson, Harold G.; Brown, W. Theron; Aronow, Wilbert S.; Kuperus, John, 124: 579, 1977
- persistently positive  $^{99m}\text{Tc}$ -pyrophosphate myocardial scintigram in a patient with a left ventricular aneurysm (ab), Curry, Jr. R. Charles; Jackman, W. M., 122: 866, 1977
- rationale and radiopharmaceuticals for myocardial imaging (ab), Poe, Norman D., 123: 834, 1977
- thallium-201 as myocardial imaging agent (ab), Strauss, H. William; Pitt, Bertram, 123: 834, 1977
- thallium-201 for myocardial imaging: appearance of the normal heart (ab), Cook, David J.; Bailey, Ian; Strauss, H. William; Rouleau, Jacques; Wagner, Jr., Henry N.; Pitt, Bertram, 124: 286, 1977
- three dimensional imaging of the myocardium with radionuclides, Budinger, Thomas F.; Cahoon, John L.; Derenzo, Stephen E.; Gullberg, Grant T.; Moyer, Brian R.; Yano, Yukio, 125: 433, 1977
- Myocardium, ultrasound**
- chocventriculography in acute myocardial infarction. III. clinical correlations and implication of the noninfarcted myocardium (ab), Nieminen, Markku; Heikkilä, Juhani, 122: 569, 1977
- isovolumic contraction time of the left ventricle: echographic study (ab), Hirschfeld, Stephen; Meyer, Richard; Korfhagen, Joan; Kaplan, Samuel; Liebman, Jerome, 123: 258, 1977
- Myoma**
- angiographic characteristics of esophageal leiomyoma (AJR), Ben-Menachem, Yoram; Akhtar, Mohammed; Duke, Jr., James H.; Harberg, Beryl L., 128: 479, 1977
- benign tumors of the lung (SR), Madewell, John E.; Feigin, David S., 12: 175, 1977
- concentration of  $^{99m}\text{Tc}$ -pyrophosphate in a benign leiomyoma of the uterus (ab), Manoli, Rajashri S.; Soin, Jagmeet S., 125: 288, 1977
- gastric leiomyoblastoma in a child (ab), Schmitt, Elizabeth L.; Heideberger, Kathleen P., 123: 539, 1977
- pulmonary metastases from benign-appearing smooth muscle tumors of the uterus (AJR), Bachman, Donald; Wolff, Marianne, 127: 441, 1976
- Myosarcoma**
- alveolar rhabdomyosarcoma involving the heart: echocardiographic, angiographic and pathologic study (ab), Ormond, Garth S.; Knight, Laura; Dehner, Louis P.; Nicoloff, Demetre M.; Nesbitt, Mark; Bessinger, Jr., F. Blanton, 123: 259, 1977
- angiographic diagnosis of leiomyosarcoma of the inferior vena cava, Tegtmeier, Charles J.; Buschi, Anthony, 122: 683, 1977
- combined treatment modalities of rhabdomyosarcoma in children (ab), Razek, Aly A.; Perez, Carlos A.; Lee, Fransiska A.; Ragab, Abdell H.; Askin, Frederic; Vietti, Teresa, 125: 861, 1977
- leiomyosarcoma of the duodenum in a 10-year-old boy (ab), Solomons, Noel W.; Wagonfeld, James B.; Thomsen, Sharon; Hill, Laurence J.; Kirsner, Joseph B., 122: 853, 1977
- leiomyosarcoma of the inferior vena cava: diagnosis and surgical management (ab), Brewster, David C.; Athanasoulis, Christos A.; Darling, H. Clement, 124: 275, 1977
- primary intracranial rhabdomyosarcoma producing proptosis (ab), Shuangshoti, Samruay; Phonprasert, Chare, 122: 272, 1977
- primary leiomyosarcoma of lung in childhood (ab), Ownby, Dennis; Lyon, George; Spock, Alexander, 123: 821, 1977
- rhabdomyosarcoma in the pediatric age group (ab), Hornback, Ned B.; Shidnia, Homayoon, 122: 285, 1977
- Myositis**
- positive  $^{99m}\text{Tc}$ -pyrophosphate bone scan in polymyositis, Steinfeld, John R.; Thorne, Norman A.; Kennedy, Thomas F., 122: 168, 1977
- Myositis ossificans**
- drug induced bone changes in myositis ossificans progressiva (ab), Wood, B. J.; Robinson, G. C., 123: 254, 1977
- intervertebral disk calcification associated with spine fusion, Dussault, Robert G.; Kaye, Jeremy J., 125: 57, 1977
- mixed connective tissue disease: spectrum of radiographic manifestations, Udoff, Eric J.; Genant, Harry K.; Kozin, Franklin; Ginsberg, Mark, 124: 613, 1977
- myositis ossificans: diagnostic value of arteriography (AJR), Yaghamai, Issa, 128: 811, 1977
- quantitative assessment of para-oste-arthropathy and its maturation on serial radionuclide bone images, Tanaka, Toshiyuki; Rossier, Alain B.; Hussey, Robert W.; Ahnberg, Donald S.; Treves, Salvador, 123: 217, 1977
- Myxoma**
- cardiac myxoma: diagnostic challenge for the neurologist (ab), Yufe, Robert; Karpati, George; Carpenter, Stirling, 125: 278, 1977
- echocardiographic, angiographic, and surgical correlations in right ventricular myxoma simulating valvular pulmonic stenosis (ab), Chandraratna, P. A. N.; San Pedro, S.; Elkins, R. C.; Grantham, N., 125: 286, 1977
- echocardiographic demonstration of bilateral atrial myxomas (ab), Fitterer, Joseph D.; Spicer, Melvin J.; Nelson, William P., 122: 568, 1977
- echocardiographic manifestations of aortic cusp rupture in a myxomatous aortic valve (ab), Estevez, Carlos M.; Dillon, James C.; Walker, Patrick D.; Feigenbaum, Harvey; Chang, Sonia, 122: 286, 1977
- Nasopharynx**
- biopsy of the nasopharynx as a staging procedure in Hodgkin's disease (ab), Bjorklund, A.; Cavallin-Stahl, Eva; Landberg, Trosten; Lingberg, L. G.; Akerman, M., 124: 862, 1977
- Nasopharynx, neoplasms**
- carcinoma of the nasopharynx: eighteen years' experience with megavoltage radiation therapy (ab), Hoppe, Richard T.; Goffinet, Don R.; Bagshaw, Malcolm A., 123: 259, 1977
- factors that modify the radio-response of cancer of the nasopharynx (ab), Bohorquez, Joseph, 122: 287, 1977
- hypertrophic osteoarthropathy associated with nasopharyngeal carcinoma (AJR), Zornoza, Jesus; Cangir, Ayten; Green, Barry, 128: 679, 1977
- juvenile nasopharyngeal angiofibroma: radiographic aspects (ab), Sessions, Roy B.; Wills, Paul I.; Alford, Bobby R.; Harrell, James E.; Evans, Robert A., 122: 274, 1977
- malignant nasopharyngeal tumours: result of radiation therapy (ab), Larsson, Lars-Gunnar; Seelig, Irene, 124: 284, 1977
- radiation therapy of nasopharyngeal carcinoma in East Africa (ab), Larsson, L. G.; Clifford, P.; Einhorn, J.; Johansson, B.; Onyango, J.; Norin, T.; de Schryver, A.; Walstam, R., 124: 862, 1977
- schwannoma presenting as a nasal polyp (ab), Kaufman, Sean M.; Conrad, Larry P., 122: 274, 1977
- Nasopharynx, perforation**
- perforation of the nasopharynx by nasogastric intubation: rare cause of left pleural effusion and pneumomediastinum (ab), Siemers, Paul T.; Reinke, Robert T., 123: 250, 1977
- National Council on Radiation Protection and Measurements**
- NCRP initiates annual lecture series (Washington, D.C.), 122: 488, 1977
- Neck**
- suprasternal fossa, Ominsky, Steven; Berinson, Howard S., 122: 311, 1977
- Neck, computed tomography**
- See Computed tomography, neck
- Neck, effects of irradiation**
- thyroid cancer occurring as a late consequence of head-and-neck irradiation: evaluation of 1056 patients (ab), Favus, Murray J.; Schneider, Arthur B.; Stachura, Max E.; Arnold, John E.; Ryo, Y. Yun; Pinsky, Steven M.; Colman, Martin; Arnold, Margaret J.; Frohman, Lawrence A., 122: 575, 1977
- Neck, neoplasms**
- adjuvant chemioimmunotherapy in advanced lesions of head and neck (ab), Eilber, Frederick R.; Morton, Donald L., 122: 862, 1977
- angiographic observations on chemodectomas of the head and neck (AJR), Handel, Stanley F.; Miller, Mark H.; Wallace, Sidney; Goepfert, Helmuth; Jesse, Richard H., 129: 477, 1977
- effect of immobilisation on localisation error in the radiotherapy of head and neck cancer (ab), Marks, J. E.; Haus, A. G., 123: 544, 1977
- electron beam therapy in head and neck tumors (ab), Tobin, Daniel A.; Hall, William; Scott, Ralph M., 123: 543, 1977
- en-bloc irradiation of tumours of the head and neck and their lymphatics: I. technique and dosimetry (ab), Landberg, Trosten; Svahn-Tapper, Gudrun, 123: 543, 1977
- neurologic manifestations of glomus tumors in the head and neck (ab), Spector, Gershon J.; Druck, Norman S.; Gado, Mokhtar H., 123: 250, 1977
- serial studies of immunocompetence in head and neck cancer patients undergoing radiation therapy (ab), Stefani, Stefano; Kerman, Ronald; Abbate, Joseph, 122: 287, 1977
- what causes lower neck uptake in bone scans? Oppenheim, Bernard E.; Cantez, Sema, 124: 749, 1977
- Neck, wounds and injuries**
- computed tomography in the diagnosis of an atlas fracture (AJR), Kershner, Marilyn S.; Goodman, Gerald A.; Perlmuter, Gordon S., 128: 688, 1977
- Nelson's syndrome**
- See Adrenals; Pituitary gland
- Neoplasms**
- See also Radiations, injurious effects; Radiobiology; Therapeutic radiology; under organs and regions; and under names of individual neoplasms
- Medical Oncology Society (Nice, France), 123: 276, 1977
- radiology of neoplastic diseases (Durham, N.C.), 125: 636, 1977
- Neoplasms, experimental**
- combined radiotherapy and *Corynebacterium parvum* treatment of a murine fibrosarcoma, Collins, Amy L. Tsui; Song, Chang Won, 125: 235, 1977
- comparison of intravenous and intra-arterial pyrimidine infusion as a means of radiosensitizing tumors *in vivo*, Goffinet, Don R.; Brown, J. Martin, 124: 819, 1977
- effect of different cancer treatment methods on immunity to an antigenic transplantable murine fibrosarcoma (Meth A) (AJR), Khafagy, Medhat; Wanebo, Harold J.; Alfieri, Alan; Hahn, Eric W., 128: 1027, 1977
- effect of lung irradiation on incidence of pulmonary metastases and its mechanism (ab), Tanaka, Y., 123: 544, 1977
- hyperthermic effects on animal tissues, Suit, Herman D., 123: 483, 1977
- pharmacangiography in experimental tumours: evaluation of vasoactive drugs (ab), Ekelund, Leif; Gothlin, Jan; Jonsson, N.; Sjogren, H. O., 123: 537, 1977
- prospects for hyperthermia in human cancer therapy: part I: hyperthermic effects in man and spontaneous animal tumors, Miller, Robert C.; Connor, William G.; Heusinkveld, Robert S.; Boone, Max L. M., 123: 489, 1977
- prospects for hyperthermia in human cancer therapy: part II: implications of biological and physical data for applications of hyperthermia to man, Connor, William G.; Gerner, Eugene W.; Miller, Robert C.; Boone, Max L. M., 123: 497, 1977
- radiation sensitivity of cultured human glioblastoma cells, Gerweck, Leo E.; Kornblith, Paul L.; Burlett, Peg; Wang, Janice; Sweigert, Susan, 125: 231, 1977
- Neoplasms, in infants and children**
- cavitating lung nodules and pneumothorax in children with metastatic Wilms' tumor (ab), Kassner, E. George; Goldman, Harold S.; Elguezal, Alberto, 122: 276, 1977
- evaluating common intra-abdominal masses in children: systematic roentgenographic approach (ab), Grossman, Herman, 125: 858, 1977
- malignant ovarian tumors in childhood: prognosis in relation to initial therapy (ab), Wollner, Norma; Exelby, Philip R.; Woodruff, James M.; Cham, William C.; Murphy, Lois; Lewis, Jr., John L., 122: 863, 1977
- patterns of extension as a guide to radiation therapy in management of ovarian neoplasms in children (ab), Cham, William C.; Wollner, Norma; Exelby, Philip R.; Clark, D.; D'Angio, Giulio J., 122: 863, 1977
- pediatric cancer treatment: model for oncology (AJR), Evans, Audrey E., 127: 891, 1976
- piomatixoma (calcifying epithelioma of Malherbe): radiographic features, Haller, Jack O.; Kassner, E. George; Ostrowitz,



- Arthur; Kottmeier, Peter K.; Pertschuk, Louis P., 123: 151, 1977
- radiologic investigation of hepatic tumors in childhood (ab), Miller, John H.; Gates, Gary F.; Stanley, Philip, 124: 451, 1977
- radionuclide skeletal survey for pediatric neoplasms, Gilday, David L.; Ash, Judith M.; Reilly, Bernard J., 123: 399, 1977
- rhabdomyosarcoma in the pediatric age group (ab), Hornback, Ned B.; Shidnia, Homayoon, 122: 285, 1977
- role of radiation therapy in localized resectable intestinal non-Hodgkin's lymphoma in children (ab), Nelson, Diana F.; Cassidy, J. Robert; Traggis, Demetrius; Baez-Giangreco, Atilio; Vawter, Gordon F.; Jaffe, Norman; Filler, Robert M., 124: 578, 1977
- tumor imaging in children (ab), Edeling, Carl-Johan, 123: 548, 1977
- Neoplasms, islet-cell**
- subselective angiography in localizing insulinomas of the pancreas (AJR), Clouse, Melvin E.; Costello, Philip; Legg, Merle A.; Soeldner, Stuart J.; Cady, Blake, 128: 741, 1977
- Neoplasms, radionuclide diagnosis**
- gallium-67-citrate scintiscanning in search for occult primary malignant tumours (ab), Lentle, Brian C.; Jackson, Frank I.; Dierich, Helga, 123: 547, 1977
- gallium-67 tumor scanning (ab), Pinsky, Steven M.; Henkin, Robert E., 122: 575, 1977
- immunologic approach to tumor imaging (ab), Spar, Irving L., 122: 575, 1977
- mechanisms for localization of radiopharmaceuticals in neoplasms (ab), Winchell, H. S., 122: 575, 1977
- role of radionuclides in clinical oncology (ab), Jones, Stephen E.; Salmon, Sydney E., 122: 575, 1977
- Neoplasms, secondary**
- metastasis from an unknown tumour (ab), Dissing, Inger, 123: 540, 1977
- Neoplasms, therapy**
- Czechoslovak congress on oncology (3rd) (Bratislava, Czechoslovakia), 122: 238, 1977
- fundamental mechanisms in combined modality therapy of cancer (AJR), Kaplan, Henry S., 129: 383, 1977
- hyperthermic effects on animal tissues, Suit, Herman D., 123: 483, 1977
- prospects for hyperthermia in human cancer therapy: part I: hyperthermic effects in man and spontaneous animal tumors, Miller, Robert C.; Connor, William G.; Heusinkveld, Robert S.; Boone, Max L. M., 123: 489, 1977
- Nephrectomy**
- See Kidney neoplasms
- Nephritis**
- asymmetric renal enlargement in acute glomerulonephritis, Chesney, Russel W.; O'Regan, Sean; Kaplan, Bernard S.; Nogrady, M. Bernadette, 122: 431, 1977
- glomerulonephritis and nephrotic syndrome complicated by renal vein thrombosis and pulmonary emboli: report of two cases (AJR), Kutcher, Rosalyn; Cohen, Jeffrey R.; Gordon, David H., 128: 447, 1977
- Nephroblastoma**
- treatment of metastases in nephroblastoma (ab), Jereb, B.; Ahstrom, L., 124: 284, 1977
- Nerves**
- See also Nervous system; Neurinoma; Paralysis; Spinal cord; under diseases, organs and regions
- Nerves, obturator**
- clinical value of lymphangiography: are the nodes surrounding the obturator nerve visualized? (ab), Merrin, Claude; Wajzman, Zew; Baumgartner, George; Jennings, Ethelyn, 125: 572, 1977
- Nerves, optic**
- serial computed tomography of primary brain tumors following surgery, irradiation, and chemotherapy, Marks, James E.; Gado, Mokhtar H., 125: 119, 1977
- Nerves, spinal**
- effect of isotonic contrast agents on spinal reflexes in the cat, Hilal, Sadek K.; Dauth, George W.; Burger, Loren C.; Gilman, Sid, 122: 149, 1977
- Nervous system**
- cerebral granulomatous angitis: case report and literature review (AJR), Faer, Michael J.; Mead, Jay H.; Lynch, Richard D., 129: 463, 1977
- Nervous system, abnormalities**
- familial osteosclerosis with abnormalities of the nervous system and meninges (ab), Lehman, Ralph A. W.; Stears, John C.; Wesenberg, Richard L.; Nusbaum, E. Daniel, 125: 280, 1977
- Nervous system, calcification**
- extensive central nervous system calcification in a stillborn male infant due to cytomegalovirus infection (AJR), Marquis, James R.; Lee, Jung K., 127: 665, 1976
- Nervous system, effects of irradiation**
- radiation therapy of craniopharyngioma, Onoyama, Yasuto; Yabumoto, Eizo; Takeuchi, Jui, 125: 799, 1977
- radiation therapy of thalamic, midbrain and brain stem gliomas, Greenberger, Joel S.; Cassidy, J. Robert; Levene, Martin B., 122: 463, 1977
- Nervous system, neoplasms**
- malignant melanoma and the central nervous system: guide for classification based on the clinical findings (ab), Hayward, R. D., 122: 271, 1977
- Nervous system, wounds and injuries**
- copper jacketed bullets in the central nervous system (ab), Messer, H. D.; Cerza, P. F., 124: 575, 1977
- Neurilemoma**
- See Neuroma
- Neurinoma**
- See Neuroma
- Neuroblastoma**
- primary cerebral neuroblastoma: clinicopathological study of 35 cases (ab), Horten, Bruce C.; Rubinstein, Lucien J., 125: 848, 1977
- $Tc^{99m}$ -diphosphonate uptake in neuroblastoma (ab), McCartney, William; Nusynowitz, Martin L.; Reimann, Bernhard E. F.; Prather, Jerry; Mazat, Bruce, 122: 573, 1977
- urologic abdominal masses in infants and children (ab), Kasper, Thomas E.; Osborne, Jr., Robert W.; Semerdjian, Hrnt S.; Miller, Harry C., 122: 860, 1977
- Neurofibroma**
- congenital bowing of the tibia in neurofibromatosis von Recklinghausen (ab), Hofmann, P.; Galanski, M., 124: 572, 1977
- tomography in expansile lesions of the nasal and paranasal sinuses, Dubois, Philip J.; Schultz, Joseph C.; Perrin, Ronald L.; Dastur, Kurshed J., 125: 149, 1977
- Neurofibromatosis**
- fibrosing alveolitis in patients with neurofibromatosis, Webb, W. Richard; Goodman, Philip C., 122: 289, 1977
- internal auditory canal enlargement in neurofibromatosis without acoustic neuroma, Hill, Michael C.; Oh, Kook Sang; Hodges, III, Fred J., 122: 730, 1977
- macrocranium and macrocephaly in neurofibromatosis (ab), Holt, John F.; Kuhns, Lawrence R., 122: 857, 1977
- massive subperiosteal hemorrhage in neurofibromatosis, Yaghmai, Issa; Tafazoli, Mansour, 122: 439, 1977
- persistent primitive sciatic artery, Nicholson, Richard L.; Pastershank, Stephen P.; Bharadwaj, Baikunth B., 122: 687, 1977
- renovascular hypertension in neurofibromatosis: occurrence of multiple abdominal and cerebral vascular changes (ab), Rosenbusch, G.; Hoefnagels, W. H. L.; Koene, R. A. P.; Penn, Wm.; Thijsen, H. O. M., 125: 278, 1977
- spectrum of angiographically demonstrable renal pathology in young hypertensive patients, Harper, Ada Patricia; Yune, Heun Y.; Franken, Jr., Edmund A., 123: 141, 1977
- Neuroma**
- computed tomography of acoustic neuroma, Davis, Kenneth R.; Parker, Stephen W.; New, Paul F. J.; Ojemann, Glenn H.; Taveras, Juan M.; Ojemann, Robert J.; Weiss, A. D., 124: 81, 1977
- detection of small trigeminal neurinomas (ab), Levinthal, Robert; Bentson, John R., 124: 271, 1977
- intraosseous neurilemoma of the tibia (ab), Dalinka, Murray K.; Cannino, Christopher; Patchefsky, Arthur S.; Romisher, Gary P., 124: 573, 1977
- Neuroradiology**
- See also Brain; Cerebral angiography; Cerebral blood vessels; Nerves; Nervous system; Spinal cord; etc.
- Brazilian meeting of neuroradiology, (7th) (Rio de Janeiro), 122: 148, 1977
- computed tomography and neuroradiology: fortunate primary union (ab), Baker, Jr., Hillier L., 123: 830, 1977
- course in neuroradiology (Marseille, France), 125: 730, 1977
- diagnostic neuroradiology (bk rev), Taveras, Juan M.; Wood, Ernest H., Reviewed by Huckman, Michael S., 125: 416, 1977
- European Society of Neuroradiology, 122: 388, 1977
- neuroradiology in infants and children (bk rev), Harwood-Nash, Derek C.; Fitz, Charles R., Reviewed by Strand, Roy D., 125: 164, 1977
- practical neuroradiology (Williamsburg, Va.), 125: 730, 1977
- preceptor program in neuroradiology and CT head scanning (Dallas, Texas), 124: 738, 1977
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- trends in development of reconstruction tomography in neuroradiology (ab), Greitz, Torgny, 123: 830, 1977
- Neutrons**
- cure of EMT-6 tumor by x rays or neutrons: effect of mixed-fractionation schemes, Rasey, Janet S.; Carpenter, Rita E.; Nelson, Norma J.; Parker, Robert G., 123: 207, 1977
- effects of fast neutrons and x rays on the subependymal layer of the rat brain, Chausser, Barry; Morris, Caroline; Field, Stanley B.; Lewis, Paul D., 122: 821, 1977
- genetic effects of acute and chronic irradiation with 14 MeV neutrons: I. genetic aspects (ab), Luning, K.-G.; Ronnback, C.; Sheridan, W., 122: 576, 1977
- genetic effects of acute and chronic irradiation with 14 MeV neutrons: II. technique of neutron irradiation (ab), Holmberg, M., 122: 576, 1977
- high energy fast neutrons from the Harwell variable energy cyclotron. I. physical characteristics (AJR), Goodhead, D. T.; Berry, R. J.; Bance, D. A.; Gray, P.; Stedeford, J. B. H., 129: 709, 1977
- high energy fast neutrons from the Harwell variable energy cyclotron. II. biologic studies in mammalian systems (AJR), Berry, R. J.; Bance, D. A.; Barnes, D. W. H.; Cox, R.; Goodhead, D. T.; Sansom, J. M.; Thacker, J., 129: 717, 1977
- Nevi**
- facial nevi associated with anomalous venous return and hydrocephalus (ab), Shapiro, Kenneth; Shulman, Kenneth, 122: 851, 1977
- macroducty, hemihypertrophy, and connective tissue nevi: report of a new syndrome and review of the literature (ab), Temtamy, Samia A.; Rogers, John G., 124: 576, 1977
- Niemann-Pick disease**
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- Nitinol**
- vena cava filter using thermal shape memory alloy: experimental aspects, Simon, Morris; Kaplow, Roy; Salzman, Edwin; Freiman, David, 125: 89, 1977
- Nitrogen, radioactive**
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- Nitro-imidazole (RO-07-0582)**
- clinical phase I study of the hypoxic cell radiosensitizer RO-07-0582, a 2-nitroimidazole derivative, Urtasun, Raul C.; Band, Pierre; Chapman, J. Donald; Rabin, Harvey R.; Wilson, A. Fred; Fryer, Carol G., 122: 801, 1977
- clinical testing of radiosensitizer RO-07-0582. I. dose tolerance, serum and tumour concentrations (ab), Gray, A. J.; Dische, S.; Adams, G. E.; Flockhart, I. R.; Foster, J. L., 123: 546, 1977
- clinical testing of the radiosensitizer Ro-07-0582. II. radiosensitization of normal hypoxic skin (ab), Dische, S.; Gray, A. J.; Zanelli, G. D., 123: 546, 1977
- clinical testing of the radiosensitizer Ro-07-0582. III. response of tumours (ab), Thomlinson, R. H.; Dische, S.; Gray, A. J.; Errington, Lesley M., 123: 546, 1977
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- schwannoma presenting as a nasal polyp (ab), Kaufman, Sean M.; Conrad, Larry P., 122: 274, 1977
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- reconstruction tomography in diagnostic radiology and nuclear medicine (bk rev), Ter-Pogossian, Michel M.; Phelps, Michael E.; Brownell, Gordon L.; Cox, Jr., Jerome R.; Davis, David O.; Evens, Ronald G., Reviewed by McCullough, Edwin C., 125: 716, 1977
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- Nutrition**
- hypercalciuria with nephrolithiasis: complication of total parenteral nutrition (ab), Adelman, Raymond D.; Abern, Steven B.; Merten, David; Halsted, Charles H., 125: 857, 1977
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- paradoxical embolism in morbidly obese persons, Richey, William A.; Jaques, Paul F., 123: 43, 1977
- radiographic changes after small bowel bypass for morbid obesity (RCNA), Wade, Donald H.; Richards, Victor; Burhenne, H. Joachim, 14: 493, 1976
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- body computed tomography: clinically important and efficacious radiologic procedure, Sagel, Stuart S.; Sheedy, II, Patrick F.; Stanley, Robert J.; Stephens, David H.; Whalen, Joseph P., 123: 0239, 1977
- colonic polyp detection: role of roentgenography and colonoscopy, Amberg, John R.; Lawson, Thomas L.; Margulis, Alexander R.; Marshak, Richard H.; Miller, Roscoe E.; Short, Welland F.; Stewart, Edward T.; Youker, James E.; Zboralske, F. Frank, 125: 255, 1977
- colonic polyp detection: role of roentgenography and colonoscopy, Amberg, John R.; Berk, Robert N.; Clemett, Arthur R.; Dodds, Wylie J.; Friedland, Gerald W.; Goldberg, Henry I.; Goldstein, Harvey M.; Laufer, Igor; Burhenne, H. Joachim, 125: 255, 1977
- computed tomography: cost-benefit dilemma, Swartz, Robert; DesHarnais, Susan, 125: 251, 1977
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- Orbit**
- demonstration of the superior orbital vein by high resolution computed tomography, Bacon, K. Terry; Duchesneau, Paul M.; Weinstein, Meredith A., 124: 129, 1977
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- Orbit, angiography**
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- Orbit, effects of irradiation**
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- Orbit, fracture**
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- Orbit, inflammation**
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- Orbit, neoplasms**
- computerized tomography of the orbit using thin sections (SR), Hilal, Sadek K.; Trokel, Stephen L., 12: 137, 1977
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- selective carotid angiography in the diagnosis of orbital hemangiopericytoma: report of two cases (AJR), Cromwell, Laurence D.; Kerber, Charles W.; Margolis, M. Theodore, 129: 730, 1977
- Orbit, radiography**
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- Osteitis deformans**
- calcitonin treatment in hereditary bone dysplasia with hyperphosphatasemia: radiographic and histologic study of bone (AJR), Whalen, Joseph P.; Horwith, M.; MacIntyre, I.; Mena, E.; Viteri, F.; Torun, B.; Nunez, E. A.; Krook, Lennart, 129: 29, 1977
- congenital hyperphosphatasia (juvenile Paget's disease): eleven years follow-up of three sisters (ab), Eroglu, Merih; Tanelli, Nevbahar N., 125: 282, 1977
- evaluation of  $^{99m}\text{Tc}$  diphosphonate kinetics and bone scans in patients with Paget's disease before and after calcitonin treatment, Waxman, Alan D.; Ducker, Steven; Mc Kee, David; Siemsen, Jan K.; Singer, Frederick R., 125: 761, 1977
- extramedullary hematopoiesis in Paget's disease of bone (AJR), Kadir, Saadoun; Kalisher, Lester; Schiller, Alan L., 129: 493, 1977
- osteitis deformans of the hip joint (AJR), Goldman, Amy Beth; Bullough, Peter G.; Kammerman, Sandra; Ambros, Marjorie, 128: 601, 1977
- Paget's disease and sensori-neural deafness: temporal bone histopathology of Paget's disease (ab), Lindsay, John R.; Suga, Fumiro, 125: 850, 1977
- solitary renal cell carcinoma metastasis in Paget's disease simulating sarcomatous degeneration (AJR), Burgener, Francis A.; Perry, Patricia E., 128: 853, 1977
- Osteoarthropathy**
- quantitative assessment of para-oste-arthropathy and its maturation on serial radionuclide bone images, Tanaka, Toshiyuki; Rossier, Alain B.; Hussey, Robert W.; Ahnberg, Donald S.; Treves, Salvador, 123: 217, 1977
- ulcerative colitis associated with hypertrophic osteoarthropathy (ab), Farman, Jack; Twersky, Jack; Fierst, Sidney, 122: 278, 1977
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- Osteolysis**
- osteolysis of the clavicular tip associated with repeated minor trauma to the shoulder, Seymour, E. Q., 123: 56, 1977
- posttraumatic osteolysis of the distal clavicle with emphasis on early radiologic changes (AJR), Levine, Arnold H.; Pais, M. Joyce; Schwartz, Emanuel E., 127: 781, 1976
- Osteoma**
- scintigraphic detection of osteoid osteoma, Winter, Peter F.; Johnson, Phillip M.; Hilal, Sadek K.; Feldman, Frieda, 122: 177, 1977
- Osteomalacia**
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- radiological/pathological correlations in uremic bone disease, Debnan, James W.; Bates, Margaret L.; Kopelman, Robert C.; Teitelbaum, Steven L., 125: 653, 1977
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- Osteonecrosis**  
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- Osteosarcoma**  
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malignant ovarian tumors in childhood: prognosis in relation to initial therapy (ab), Wollner, Norma; Exelby, Philip R.; Woodruff, James M.; Cham, William C.; Murphy, Lois; Lewis, Jr., John L., 122: 863, 1977  
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stage III ovarian carcinoma: treatment and results: comparison of multiple drugs, a single drug, and irradiation, Buchler, Dolores A.; Kline, Joyce C.; Davis, Jr., Hugh L.; Ramirez, Guillermo; Carr, William F., 122: 469, 1977  
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- Oxygen**  
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- Pancreas, angiography**  
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computed axial tomography in acute and chronic pancreatitis (ab), Baert, A. L.; Ponette, E.; Pringot, J.; Marchal, G.; Dardenne, A.; Coenen, Y., 125: 854, 1977

definitive role of CT scanning of the pancreas: second year's experience, Haaga, John R.; Alfid, Ralph J.; Havrilla, Thomas R.; Tubbs, Raymond; Gonzalez, Leopold; Meaney, Thomas F.; Corsi, Mary Ann, 124: 723, 1977

endoscopic retrograde cholangiopancreatography in the evaluation of pancreatic diseases (ab), Novis, B. H.; Narunsky, L.; Bank, S., 124: 276, 1977

inflammation and necrosis of the transverse colon secondary to pancreatitis (AJR), Thompson, William M.; Kelvin, Frederick M.; Rice, Reed P., 128: 943, 1977

persistent obstructive jaundice, cholangitis, and biliary cirrhosis due to common bile duct stenosis in chronic pancreatitis (ab), Warshaw, Andrew L.; Schapiro, Robert H.; Ferrucci, Jr., Joseph T.; Galdabini, James L., 122: 565, 1977

radiology of the pancreas, 1976: sonography and ductography (RCNA), Ferrucci, Jr., Joseph T., 14: 543, 1976

ultrasound in the management of acute pancreatitis (ab), Duncan, J. G.; Imire, C. W.; Blumgart, L. H., 124: 283, 1977

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tomography in expansive lesions of the nasal and paranasal sinuses, Dubois, Philip J.; Schultz, Joseph C.; Perrin, Ronald L.; Dastur, Kurshed J., 125: 149, 1977

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**Parasites**

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**Parathyroid**

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multiple brown tumors in a patient with chronic renal failure and secondary hyperparathyroidism (AJR), Brown, Thomas W.; Genant, Harry K.; Hattner, Robert S.; Orloff, Sheldon; Potter, Donald E., 128: 131, 1977

parathyroid localization: arteriography and venous sampling (ab), Doppman, John L., 122: 284, 1977

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**Parathyroid, abnormalities**

long-term follow-up of 195 patients with renal failure: preliminary report, Griffiths, Harry J.; Zimmerman, Robert E.; Lazarus, Michael; Lowrie, Edmund; Gottlieb, Michael N.; Phillips, Ellen; Pomerantz, Kenneth, 122: 643, 1977

**Parathyroid, diseases**

pattern of shortening of the bones of the hand in PHP and PPHP—comparison with brachydactyly E, Turner syndrome, and acrodysostosis, Poznanski, Andrew K.; Werder, Edmond A.; Giedion, Andres; Martin, Allan J.; Shaw, Helen, 123: 707, 1977

**Parathyroid, hyperparathyroidism**

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congenital rickets: study of the evolution of secondary hyperparathyroidism (ab), Sann, L.; David, L.; Frederich, A.; Bovier-Lapierre, M.; Bourgeois, J.; Romand-Monier, M.; Bethenod, M., 125: 282, 1977

early radiographic manifestations of secondary hyperparathyroidism associated with chronic renal disease, Jensen, Pamela S.; Klinger, Alan S., 125: 645, 1977

erosion of the inferior aspect of the clavicle in secondary hyperparathyroidism (AJR), Schwartz, Emanuel E.; Lantieri, Robert; Teplick, J. George, 129: 291, 1977

radiological/pathological correlations in uremic bone disease, Debnam, James W.; Bates, Margaret L.; Kopelman, Robert C.; Teitelbaum, Steven L., 125: 653, 1977

**Parathyroid, neoplasms**

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**Parotid gland**

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**Parotid gland, neoplasms**

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**Parotid gland, radionuclide studies**

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**Patella**

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**Pediatric radiology**

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clinical radiology of the pediatric abdomen and gastrointestinal tract (bk rev), Schapiro, Rolf L., Reviewed by Dunbar, J. Scott, 123: 528, 1977

les pieges diagnostiques en radiologie pediatrique. monographie des annales de radiologie (bk rev), Faure, Clement; Coussemont, Alain, Reviewed by Poznanski, A. K., 122: 448, 1977

pediatric and newborn radiology seminar (Aspen, Colo.), 125: 774, 1977

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**PEEP (positive end expiratory pressure)**

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**Pelvis, calcification**

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**Pelvis, calculi**

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**Pelvis, diseases**

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**Pelvis, ultrasound studies**

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**Pelvis, wounds and injuries**

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**Penis**

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**Peptic ulcer**

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Ph.; Remond, A.; Capron, J. P.; Baillet, J.;  
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gastric ulcer in a young man with apparent  
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improved radiographic detection of multiple  
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Paul, Jr., Robert E.; Matsue, Hiroto;  
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128: 949, 1977

perforated duodenal ulcer and  
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**Periarteritis nodosa**

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**Pericardium, cysts**

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**Pericardium, fluid**

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false-positive echocardiographic diagnosis of  
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effusion (AJR), Martini, Nael; Freiman,  
Alvin H.; Watson, Robin C.; Hilaris, Basil  
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radiation-related myocardial injury:  
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Khalil, K. G.; Fuller, L. M.; Leachman, R.  
D.; Sullivan, M. P.; Loh, K. K.; Gamble, J.  
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**Pericardium, stenosis**

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**Peritoneum, neoplasms**

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**Pharmacangiography**

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**Pharynx**

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**Pheochromocytoma**

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**Phosphorus, radioactive**

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**Physics**

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**Pigeon breeder's disease**

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Rozario, R.; Hammerschlag, S. B.; Post, K.  
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Scholtz, Carl L.; Siu, Kevin, 122: 850, 1977

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- suprasellar osteogenic sarcoma following radiation for pituitary adenoma: case report (ab), Amine, Abdul R. C.; Sugar, Oscar, 122: 575, 1977
- Placenta, localization**  
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- Placenta, transfusion**  
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- primary extramedullary esophageal plasmacytoma: first case report (ab)**, Ahmed, N.; Ramos, S.; Sika, J.; LaVeen, H. H.; Piccone, V. A., 123: 539, 1977
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- pleural coil of parietal lesions: new sign of the extrapleural syndrome (ab), Hemy, J.; Mabilille, J. P., 125: 853, 1977
- radiographic appearance of the chest after pleural space reduction procedures: construction of a pleural tent and phrenoplasty (AJR), Goodman, Philip C.; Minagi, Hideyo; Thomas, Arthur N., 129: 229, 1977
- right paratracheal stripe, Savoca, Charles J.; Austin, John H. M.; Goldberg, Henry I., 122: 295, 1977
- spectrum of pleural involvement in sarcoidosis (ab), Beekman, Jerome F.; Zimmet, Steven M.; Chun, B. K.; Miranda, Armando A.; Katz, Sol, 122: 561, 1977
- Pleura, fluid**  
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- perforation of the nasopharynx by nasogastric intubation: rare cause of left pleural effusion and pneumomediastinum (ab), Siemers, Paul T.; Reinke, Robert T., 123: 250, 1977
- pleural fluid pH in parapneumonic effusions (ab), Potts, Daniel E.; Levin, David C.; Sahn, Steven A., 122: 561, 1977
- radiologic findings in symptomatic neonatal plethra resulting from placental transfusion, Saigal, Saroj; Wison, Rolla; Usher, Robert, 125: 185, 1977
- radiologic recognition of bronchopleural fistula, Friedman, Paul J.; Hellekant, Christer A. G., 124: 289, 1977
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- pleural tumors and pulmonary tumors: differential diagnosis (SR), Theros, Elias G.; Feigin, David S., 12: 239, 1977
- Pleura, ultrasound**  
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- Pneumatocele**  
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- Pneumatosis intestinalis**  
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- Pneumonia**  
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- giant cell pneumonia complicating acute lymphoblastic leukemia in remission (ab), Shah, K. J.; Lewis, M. J.; Cameron, A. H.; Purdham, D. R.; Mann, J. R., 125: 278, 1977
- nonmalignant lymphoid disorders of the chest (AJR), Feigin, David S.; Siegelman, Stanley S.; Theros, Elias G.; King, Francis M., 129: 221, 1977
- peripheral opacities in chronic eosinophilic pneumonia: photographic negative of pulmonary edema (AJR), Gaensler, Edward A.; Carrington, Charles B., 128: 1, 1977
- radiographic and clinical observations of the evolution of Q-fever pneumonia (ab), Baumeister, L.; Merten, D.; Schettler, J., 125: 852, 1977
- radiographic features of early onset group B streptococcal neonatal sepsis, Ablow, Ronald C.; Gross, Ian; Effmann, Eric L.; Uauy, Ricardo; Driscoll, Shirley, 124: 771, 1977
- radiographic manifestations of chronic pneumocystis carinii pneumonia (AJR), Seigel, Robert; Wolson, Alan H., 128: 150, 1977
- radiologic features of gram-negative pneumonias in the patient (AJR), Zornoza, Jesus; Goldman, A. M.; Wallace, Sidney; Valdivieso, M.; Bodey, G. P., 127: 989, 1976
- Pneumonia, complications and sequelae**  
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- Pneumonia, in infants and children**  
 pertussoid eosinophilic pneumonia: pulmonary infiltrates with eosinophilia in very young infants (ab), Oetgen, William J., 124: 566, 1977
- Pneumonia, interstitial**  
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- Pneumonitis**  
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- pulmonary aspiration of gastric contents (ab), Bynum, Lincoln J.; Pierce, Alan K., 123: 822, 1977
- radiology in Mendelson's syndrome (ab), Wilkins, Robert A.; De Lacey, Gerald J.; Flor, Remigio; Taylor, Saul, 122: 277, 1977
- right paratracheal stripe, Savoca, Charles J.; Austin, John H. M.; Goldberg, Henry I., 122: 295, 1977
- Pneumopericardium**  
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- Pneumoperitoneum**  
 acute appendicitis in the premature: report of a case (ab), Sanchez, E. Blesa; Ramirez, J. M. Capilla; Lopez-Tello, C. Sanchez, 125: 855, 1977
- angiographic assessment of gross anatomy of hepatocellular carcinoma: comparison of celiac angiograms and liver pathology in 100 cases, Kressel, Herbert V.; Koehler, Robert E.; Holcroft, James, 123: 30, 1977
- gastrointestinal perforation without intraperitoneal air-fluid level in neonatal pneumoperitoneum (AJR), Kaufman, Robert A.; Kuhns, Lawrence R.; Poznanski, Andrew K.; Holt, John F., 127: 915, 1976
- misleading pneumoperitoneum (ab), Chandler, James G.; Berk, Robert N.; Golden, Gerald T., 125: 573, 1977
- perforated duodenal ulcer and pneumomediastinum, Stahl, Jessie D.; Goldman, Stanford M.; Minkin, Sanford D.; Diaconis, John N., 124: 23, 1977
- pneumoperitoneum associated with intrapulmonary or intrathoracic air collections in the newborn with respiratory distress (ab), Deffrenne, P.; Dutruge, J.; Gilly, J., 125: 277, 1977
- pneumoperitoneum: a technical remark concerning detection (ab), Aboulker, C.; Flandin, J. M.; Palayodan, A.; Bell, M., 125: 567, 1977
- pneumoperitoneum: importance of right upper quadrant features (AJR), Menuck, Leslie; Siemers, Paul T., 127: 753, 1976
- pneumoperitoneum without gastrointestinal perforation in trauma (ab), Koltai, I.; Tschikof, R., 124: 569, 1977
- telltale triangle: use of the supine cross table lateral radiograph of the abdomen in early detection of pneumoperitoneum (ab), Seibert, J. J.; Parvey, L. S., 125: 572, 1977
- Pneumosis dilitans**  
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- Pneumothorax**  
 cavitating lung nodules and pneumothorax in children with metastatic Wilms' tumor (ab), Kassner, E. George; Goldman, Harold S.; Elguezal, Alberto, 122: 276, 1977
- pneumothorax in the respiratory distress syndrome: incidence and effect on vital signs, blood gases, and pH (ab), Ogata, Edward S.; Gregory, George A.; Kitterman, Joseph A.; Phibbs, Roderic H.; Tooley, William H., 122: 851, 1977
- pneumothorax: complication of percutaneous aspiration of upper pole renal masses (AJR), Silver, Terry M.; Thornbury, John R., 128: 451, 1977
- two lesser known but useful signs of neonatal pneumothorax (AJR), Swischuk, Leonard E., 127: 623, 1976
- Poisons and poisoning**  
 pneumatoxis of the bowel secondary to acute iron poisoning: radiological quiz, Smith, Wilbur L.; Franken, Jr., Edmund A.; Grosfeld, Jay L.; Ballantine, Thomas V. N., 122: 192, 1977
- Polyarteritis nodosa**  
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- Polymyositis**  
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- Pompe's disease**  
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- Poroccephaly**  
 See Brain, cysts
- Portal vein**  
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- transhepatic obliteration of gastroesophageal varices: results in acute and nonacute bleeders (AJR), Viamonte, Jr., Manuel; Pereiras, Raul; Russell, Edward; Le Page, James; Hutson, Duane, 129: 237, 1977
- Portal vein, abnormalities**  
 angiographic demonstration of intrahepatic arterio-portal anastomoses in hepatocellular carcinoma, Okuda, Kunio; Musha, Hirotsuka; Yamasaki, Takeshi; Jinnouchi, Shigenobu; Nagasaki, Yoshikazu; Kubo, Yasuhiko; Shimokawa, Yutaka, 122: 53, 1977
- angiographic demonstration of intrahepatic arterio-portal anastomoses in hepatocellular carcinoma, Nakayama, Toshimichi; Kojiro, Masamichi; Sakamoto, Kazuyoshi; Nakashima, Toshiro, 122: 0053, 1977
- Portal vein, gas in**  
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- plain abdominal radiograph in mesenteric infarction (ab), Muller, E.; Wellauer, J.; Knoblauch, M., 124: 570, 1977
- splenic flexure carcinoma as a source of hepatic portal venous gas, Gold, Richard Palmer; Seaman, William B., 122: 329, 1977
- Portal vein, hypertension**  
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- Goran; Tylen, Ulf; Vang, Johannes, 122: 59, 1977
- anomalies of intrahepatic portal venous system in congenital hepatic fibrosis**, Odievre, M.; Chaumont, P.; Montagne, J. Ph.; Alagille, D., 122: 427, 1977
- extra- and intrasplenic artery aneurysms in portal hypertension**, Feist, John H.; Gajraj, Arcot, 125: 331, 1977
- gastrointestinal edema in cirrhotics: radiographic manifestations and pathogenesis with emphasis on colonic involvement (ab)**, Balthazar, Emil J.; Gade, Marie Ferrante, 123: 826, 1977
- hepatic occlusion venography with a balloon catheter in portal hypertension**, Novak, Dragutin; Buetzow, Gerd Henning; Becker, Klaus, 122: 623, 1977
- hepatic occlusion venography with a balloon catheter in patients with end-to-side portacaval shunts (AJR)**, Novak, Dragutin; Buetzow, Gerd Henning; Becker, Klaus, 127: 949, 1976
- Portal vein, obstruction**  
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- Portal vein, radiography**  
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- Portography**  
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- use of prostaglandin E<sub>1</sub> for enhanced visualization of the splanchnic circulation, Jonsson, Kjell; Wallace, Sidney; Jacobson, Eugene D.; Anderson, James H.; Zornoza, Jesus; Granmayeh, Masood, 125: 373, 1977
- Posterior fossa, angiography**  
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- Posterior fossa, cysts**  
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- posterior fossa extraaxial cyst: diagnosis with metrizamide CT cisternography (AJR), Drayer, Burton P.; Rosenbaum, Arthur E.; Maroon, Joseph C.; Bank, William O.; Woodford, John E., 128: 431, 1977
- Posterior fossa, neoplasms**  
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- base view of vertebral angiography: aid in the diagnosis of extraaxial cerebellopontine angle tumors, Pinto, Richard S.; George, Ajax E.; Kricheff, Irvin I.; Naidich, Thomas P.; Fox, Allan, 124: 157, 1977
- computerized tomography of infratentorial tumors (SR), Gado, Mokhtar H.; Huete, Isidro; Mikhael, Michael, 122: 109, 1977
- CSF enhancement for computerized tomography (ab), Roberson, Glenn H.; Brismar, Jan; Weiss, Alfred; Davis, Kenneth R.; Taveras, Juan M.; New, Paul F. J.; Ackerman, Robert H.; Glenn, William V., 123: 248, 1977
- potential of vertebral phlebography for a diagnosis of tumors in the posterior cranial fossa (ab), Lehmann, R., 125: 849, 1977
- radionuclide studies of posterior fossa lesions in children (ab), Andrews, J. T.; Klug, G. L.; McKay, W. J., 123: 547, 1977
- role of the radionuclide brain image in the diagnosis of brainstem gliomas, Donahoe, C. Ronald; Robinson, Ralph G.; Kishore, Pulla R. S.; Kepes, John J., 125: 735, 1977
- Posterior fossa, radionuclide studies**  
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- radionuclide studies of posterior fossa lesions in children (ab), Andrews, J. T.; Klug, G. L.; McKay, W. J., 123: 547, 1977
- stasis of <sup>111</sup>In-DTPA in the posterior fossa in patients with cerebellar degeneration (ab), Lusins, John, 123: 547, 1977
- Potter's syndrome**  
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- Pregnancy**  
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- urography during pregnancy (ab), Rigby, M. R.; MacEwan, D. W., 124: 574, 1977
- Pregnancy, complications**  
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- ultrasonic diagnosis of intrauterine fetal death (ab), O'Malley, B. P.; Salem, S., 124: 578, 1977
- Pregnancy, irradiation in**  
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- Pregnancy, ultrasound studies**  
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- Priapism**  
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- Propantheline bromide**  
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- Prostaglandin**  
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- use of prostaglandin E<sub>1</sub> for enhanced visualization of the splanchnic circulation, Jonsson, Kjell; Wallace, Sidney; Jacobson, Eugene D.; Anderson, James H.; Zornoza, Jesus; Granmayeh, Masood, 125: 373, 1977
- use of prostaglandin F<sub>2</sub> alpha in selective hepatic angiography, Legge, David, 124: 331, 1977
- Prostate, diseases**  
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- Prostate, hemorrhage**  
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- Prostate, neoplasms**  
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- comparison between lymphangiography and pelvic node dissection in the staging of prostatic cancer (ab), Loening, S. A.; Schmidt, J. P.; Brown, R. C.; Hawtrey, C. E.; Fallon, B.; Culp, D. A., 125: 572, 1977
- evaluation of lymphography in localized carcinoma of the prostate, Spellman, Michael C.; Castellino, Ronald A.; Ray, Gordon R.; Pistenma, David A.; Bagshaw, Malcolm A., 125: 637, 1977
- lymphocele: complication of surgical staging of carcinoma of the prostate (AJR), Morin, Martin E.; Baker, Dennis A., 129: 333, 1977
- management of prostatic cancer (Buffalo, N.Y.), 122: 800, 1977
- Prostate, ultrasound**  
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- recent progress in ultrasonography of the bladder and prostate (ab), Resnick, Martin I.; Willard, James W.; Boyce, William H., 124: 862, 1977
- ultrasonography as an aid in the diagnosis and management of surgical diseases of the pelvis: special emphasis on the genitourinary system (ab), Boyce, William H.; McKinney, William M.; Hesnick, Martin I.; Willard, James W., 125: 860, 1977
- Proteinosis**  
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- Proteins**  
gastroesophageal reflux with protein-losing enteropathy and finger clubbing (ab), Herbst, John J.; Johnson, Dale G.; Oliveros, Miguel A., 124: 275, 1977
- hyperlipoproteinemia: possible cause of osteochondrosis dissecans? (ab), Zernaviczky, J., 124: 571, 1977
- Pseudoaneurysm**  
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- Psoriasis**  
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- Pulmonary angiography, indications**  
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- Pulmonary angiography, technique**  
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- Pulmonary arteries**  
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- systemic artery-pulmonary artery communication in Takayasu's arteritis (AJR), Ishikawa, Tohru, 128: 389, 1977
- Pulmonary arteries, abnormalities**  
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- anomalous pulmonary venous connection of entire left lung with intact atrial septum: radiological features and clinical implications, Miller, Stephen W.; Dinmore, Robert E.; Libershton, Richard R.; Goldblatt, Allan; Daggett, Willard M.; Buckley, Mortimer J., 122: 591, 1977
- pulmonary sling in the adult (AJR), Hatten, Jr., H. Paul; Lorman, James G.; Rosenbaum, Harold D., 128: 919, 1977
- transpleural abdominal systemic artery-pulmonary artery anastomosis in patients with chronic pulmonary infection (AJR), Webb, W. Richard; Jacobs, Richard P., 129: 233, 1977
- Pulmonary arteries, atresia**  
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- Pulmonary arteries, flow dynamics**  
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- Pulmonary arteries, hypertension**  
pulmonary venocclusive disease: case report and review of the literature (AJR), Shackelford, Gary D.; Sacks, Edmond J.; Mullins, James D.; McAlister, William H., 128: 643, 1977
- Pulmonary arteries, obstruction**  
Fibrous mediastinitis: late manifestation of mediastinal histoplasmosis, Wieder, Sheldon; Rabinowitz, Jack G., 125: 305, 1977
- Pulmonary arteries, surgery**  
angiocardiology after total correction of tetralogy of Fallot using large homograft arteries (AJR), Fujino, Masaaki; Kozuka, Takahiro; Yokota, Kanji; Ohta, Mitsushige; Kawashima, Yasunaru; Kitamura, Soichiro; Ohya, Choken; Tomokuni, Takashi; Sato, Kenji, 128: 243, 1977
- Pulmonary arteries, ultrasound**  
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- Pulmonary valve, absence**  
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- Pulmonary valve, ultrasound studies**  
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- stenosis (ab), Chandraratna, P. A. N.; San Pedro, S.; Elkins, R. C.; Grantham, N., 125: 286, 1977
- premature pulmonary valve opening (ab), Wann, L. S.; Weyman, Arthur E.; Dillon, James C.; Feigenbaum, Harvey, 124: 283, 1977
- pulmonary valve echo motion in clinical practice (ab), Weyman, Arthur E., 125: 0574, 1977
- Pulseless disease**  
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- systemic artery-pulmonary artery communication in Takayasu's arteritis (AJR), Ishikawa, Tohru, 128: 389, 1977
- Takayasu's arteritis and congenital coarctation of the descending thoracic and abdominal aorta: critical review (ab), Lande, Adam, 123: 251, 1977
- Pulsus paradoxus**  
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- Purpura**  
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- Pyelography**  
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- Pyelonephritis**  
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- sonographic-radiographic correlation of renal and perirenal infections (AJR), Schneider, Morton; Becker, Joshua A.; Staiano, Shirley J.; Campos, Ellen M., 127: 1007, 1976
- xanthogranulomatous pyelonephritis in children (ab), Klugo, Richard C.; Anderson, John A.; Reid, Robert; Powell, Isaac; Cerny, Joseph C., 124: 280, 1977
- Pylorus**  
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- Pylorus, stenosis**  
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- Pyrimidines**  
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- Pyrophosphate**  
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- Q fever**  
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symposium on the late biological effects of ionizing radiation (Washington, D.C.), 124: 818, 1977
- Radiations, effects**  
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- Radiations, injurious effects, complications of therapeutic radiology**  
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- blindness during remission in two patients with acute lymphoblastic leukemia: possible complication of multimodality therapy (ab), Margileth, David A.; Poplack, David G.; Pizzo, Phillip A.; Leventhal, Brigid G., 124: 580, 1977
- cardiac localization of  $^{99m}\text{Tc}$ -(Sn)-pyrophosphate following irradiation of the chest, Soin, Jagmeet S.; Cox, James D.; Youker, James E.; Swartz, Harold M., 124: 165, 1977
- eccentric pericardial effusion after radiation therapy of left breast carcinoma (AJR), Green, Barry; Zornoza, Jesus; Ricks, John P., 128: 27, 1977
- effects of radiation therapy on growing long bones (AJR), De Smet, Arthur A.; Kuhns, Lawrence R.; Fayos, Juan V.; Holt, John F., 127: 935, 1976
- esophageal complications in the treatment of oat cell carcinoma with combined irradiation and chemotherapy, Chabora, Beryl McCormick; Hopfan, Seymour; Wittes, Robert, 123: 185, 1977
- fatal radiation pneumonia following subclinical busulfan injury (AJR), Soble, Allen R.; Perry, Harold, 128: 15, 1977
- incidence of radiation pneumonitis as a result of single fraction upper half body irradiation (ab), Prato, Frank S.; Kurdyak, Ruth; Saibil, Eric A.; Carruthers, John S.; Rider, Walter D.; Aspin, Norman, 124: 580, 1977
- late pseudotumoral brain necrosis following irradiation of a scalp neoplasm: case report (ab), Queiroz, Luciano De S.; Da Cruz Neto, Joaquim N., 124: 288, 1977
- management of colitis caused by irradiation (ab), Smith, Jr., J. Stanley; Milford, Henry E., 122: 576, 1977
- meningioma following irradiation (ab), Watts, Clark, 124: 287, 1977
- metallic clip displacement in evaluating tumor recurrence or enlargement: source of error, Seymour, E. Quitman, 125: 118, 1977
- monkey brain damage from radiation in the therapeutic range (ab), Nakagaki, Hiroyuki; Brunhart, Gunter; Kemper, Thomas L.; Caveness, William F., 122: 576, 1977
- physiological and radiographic assessment during the development of pulmonary radiation fibrosis, Prato, Frank S.; Kurdyak, Ruth; Saibil, Eric A.; Rider, Walter D.; Aspin, Norman, 122: 389, 1977
- postirradiation necrosis of the temporal lobe presenting as a glioma (ab), Diengdoh, J. Victor; Booth, Anthony E., 122: 575, 1977
- pulmonary contraction following  $^{60}\text{Co}$  irradiation of mammary carcinoma (ab), Oppedal, T.; Kolbenstedt, A., 124: 866, 1977
- pulmonary effects of radiation therapy (ab), Gross, Nicholas J., 125: 288, 1977
- radiation-induced cerebrovascular disease in children (ab), Wright, Thomas L.; Bresnan, Michael J., 122: 575, 1977
- radiation-related myocardial injury: management of two cases (ab), Ali, M. K.; Khalil, K. G.; Fuller, L. M.; Leachman, R. D.; Sullivan, M. P.; Loh, K. K.; Gamble, J. F.; Shullenberger, C., 124: 288, 1977
- radiosensitization of normal tissue by chloroquine, Utey, Joella F.; Sachatello, Charles R.; Maruyama, Yosh; Avila, Jose; King, Ronald, 124: 255, 1977
- relationship of head and neck irradiation to the subsequent development of thyroid neoplasms (ab), Carroll, Robert G., 122: 575, 1977
- serum magnesium and irradiation, Allegra, Joseph C.; Stryker, John A.; Abt, Arthur; Mortel, Rodrigue, 124: 217, 1977
- severe radiation injuries of the lung (AJR), Roswit, Bernard; White, David C., 129: 127, 1977
- slipped femoral capital epiphysis as a sequela to childhood irradiation for malignant tumors, Wolf, Ellen L.; Berdon, Walter E.; Cassady, J. Robert; Baker, David H.; Freiburger, Robert H.; Pavlov, Helene, 125: 781, 1977
- suprasellar osteogenic sarcoma following radiation for pituitary adenoma: case report (ab), Amine, Abdul R. C.; Sugar, Oscar, 122: 575, 1977
- thyroid cancer following scalp irradiation, Modan, Baruch; Ron, Elaine; Werner, Abraham, 123: 741, 1977
- thyroid cancer occurring as a late consequence of head-and-neck irradiation: evaluation of 1056 patients (ab), Favus, Murray J.; Schneider, Arthur B.; Stachura, Max E.; Arnold, John E.; Ryo, U. Yun; Pinsky, Steven M.; Colman, Martin; Arnold, Margaret J.; Frohman, Lawrence A., 122: 575, 1977
- thyroid disease following irradiation for benign conditions (ab), Swelstad, Jack; Scanlon, Edward F.; Murphy, E. Dennis; Graces, Raphael; Khandekar, Janardan D., 124: 866, 1977
- urinary-bladder toxicity following pelvic irradiation and simultaneous cyclophosphamide therapy (ab), Jayalakshamma, B.; Pinkel, Donald, 123: 548, 1977
- Radiations, injurious effects, gastrointestinal**  
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- Radiations, injurious effects, neoplastic**  
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- radiotherapy-induced rib osteosarcoma after successful treatment of lung cancer, Tewfik, Hamed; Tewfik, Ferial; Latourette, Howard; Christie, James, 125: 503, 1977
- Radiations, injurious effects, protective and therapeutic agents and devices**  
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- Radiations, measurement**  
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- radiation exposure in radiographic examinations of the newborn, Wesenberg, Richard L.; Rossi, Raymond P.; Hendee, William R., 122: 499, 1977
- utilization of a high energy photon beam for whole body irradiation, Aget, Helene; VanDyk, Jake; Leung, Philip M. K., 123: 747, 1977
- Radiations, protective and therapeutic agents and devices**  
clinical phase I study of the hypoxic cell radiosensitizer RO-07-0582, a 2-nitroimidazole derivative, Urtasun, Raul C.; Band, Pierre; Chapman, J. Donald; Rabin, Harvey R.; Wilson, A. Fred; Fryer, Carol G., 122: 801, 1977
- effects of vasopressin on radiation response of cultured mammalian cells, Kadir, Saadoun; Hetzel, Fred W.; Kolodny, Gerald M., 123: 771, 1977
- radiation protection requirements for a whole-body CT scanner, Gross, Gary P.; McCullough, Edwin C., 122: 825, 1977
- tomogram degradation due to eye shielding and collimation, Sackett, Joseph F.; Kalender, Willi, 123: 236, 1977
- Radiobiology**  
See also Dosimetry; Neoplasms, experimental; Radiations; Radiations, injurious effects; under names of specific diseases, organs, and regions, and under names of Radionuclides
- Radiobiology, bone studies**  
nutritional and metabolic bone disease in a zoological population: review of radiologic findings (ab), Freedman, Matthew T.; Bush, Mitchell; Novak, Gary R.; Heller, Jr., Richard M.; James, Jr., A. Everette, 124: 573, 1977
- Radiobiology, cell and tissue studies**  
biological aspects of high LET radiation therapy, Todd, Paul, 125: 493, 1977
- cellular responses to combinations of hyperthermia and radiation, Dewey, W. C.; Hopwood, L. E.; Sapareto, S. A.; Gerweck, L. E., 123: 463, 1977
- cure of EMT-6 tumor by x rays or neutrons: effect of mixed-fractionation schemes, Rasey, Janet S.; Carpenter, Rita E.; Nelson, Norma J.; Parker, Robert G., 123: 207, 1977
- cytotoxic and radiosensitizing effects of 5-thio-D-glucose on hypoxic cells, Song, Chang W.; Clement, Jacob J.; Levitt, Seymour H., 123: 201, 1977
- dose effect relationship for epilation and late effects on spinal cord in rats exposed to gamma rays, Masuda, Kouji; Reid, Betty O.; Withers, H. Rodney, 122: 239, 1977
- effects of fast neutrons and x rays on the subependymal layer of the rat brain, Chausser, Barry; Morris, Caroline; Field, Stanley B.; Lewis, Paul D., 122: 821, 1977
- effects of vasopressin on radiation response of cultured mammalian cells, Kadir, Saadoun; Hetzel, Fred W.; Kolodny, Gerald M., 123: 771, 1977
- enhancement of radiation effect on mouse intestinal crypt survival by timing of 5-fluorouracil administration, Ho, Edmund;

- Coffey, Charles; Maruyama, Yosh, 125: 531, 1977
- growth of normal and neoplastic cells (ab), Stoker, M. G. P., 122: 284, 1977
- high energy fast neutrons from the Harwell variable energy cyclotron. II. biologic studies in mammalian systems (AJR), Berry, R. J.; Bance, D. A.; Barnes, D. W. H.; Cox, R.; Goodhead, D. T.; Sansom, J. M.; Thacker, J., 129: 717, 1977
- hyperthermic effects on animal tissues, Suit, Herman D., 123: 483, 1977
- hyperthermic effects on DNA repair mechanisms, Corry, Peter M.; Robinson, Sandra; Getz, Susan, 123: 475, 1977
- influence of hypoxia and acidity on hyperthermic response of malignant cells *in vitro*, Overgaard, Jens; Bichel, Peter, 123: 511, 1977
- potentiation of radiation effects in hypoxic HeLa cells, Djordjevic, Bozidar; Dymbort, Giny, 125: 525, 1977
- prospects for hyperthermia in human cancer therapy: part II: implications of biological and physical data for applications of hyperthermia to man, Connor, William G.; Gerner, Eugene W.; Miller, Robert C.; Boone, Max L. M., 123: 497, 1977
- radiation tolerance of the rat spinal cord: time-dose relationships, van der Kogel, Albert J., 122: 505, 1977
- response of extremely hypoxic cells to hyperthermia: survival and oxygen enhancement ratios, Power, Judith A.; Harris, John W., 123: 767, 1977
- single dose response curves of normal cells *in situ*, Masuda, Kouji; Withers, H. Rodney, 122: 233, 1977
- thermal tolerance and repair of thermal damage by cultured cells, Harisiadis, Leon; Sung, Duk II; Hall, Eric J., 123: 505, 1977
- Radiobiology, cutaneous studies**  
sensitization of mouse skin to x irradiation by moderate heating, Stewart, Fiona Anne; Denekamp, Juliana, 123: 195, 1977
- Radiobiology, digestive tract studies**  
angiographic aspects of experimental nonocclusive intestinal ischemic injury (AJR), Bookstein, Joseph J.; Niwayama, Gen; Naderi, Mohammad J.; Brahme, Folke J.; Jones, Timothy A.; Goldberger, Lawrence E., 128: 923, 1977
- distribution of  $^{99m}\text{Tc}$ -1-thiogluconate in rats: effect of administration route on pancreatic specificity, Risch, Victor R.; Honda, Takashi; Heindel, Ned D.; Emrich, Jacqueline L.; Brady, Luther W., 124: 837, 1977
- Radiobiology, embryonal, fetal, genetic studies**  
genetic effects of acute and chronic irradiation with 14 MeV neutrons: I. genetic aspects (ab), Luning, K.-G.; Ronnback, C.; Sheridan, W., 122: 576, 1977
- genetic effects of acute and chronic irradiation with 14 MeV neutrons: II. technique of neutron irradiation (ab), Holmberg, M., 122: 576, 1977
- Radiobiology, lethality studies**  
cytotoxic and radiosensitizing effects of 5-thio-D-glucose on hypoxic cells, Song, Chang W.; Clement, Jacob J.; Levitt, Seymour H., 123: 201, 1977
- prospects for hyperthermia in human cancer therapy: part II: implications of biological and physical data for applications of hyperthermia to man, Connor, William G.; Gerner, Eugene W.; Miller, Robert C.; Boone, Max L. M., 123: 497, 1977
- Radiobiology, neoplastic studies**  
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- Radiobiology, oxygen enhancement**  
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- Radiobiology, time-dose studies**  
dose effect relationship for epilation and late effects on spinal cord in rats exposed to gamma rays, Masuda, Kouji; Reid, Betty O.; Withers, H. Rodney, 122: 239, 1977
- potentiation of radiation effects in hypoxic HeLa cells, Djordjevic, Bozidar; Dymbort, Giny, 125: 525, 1977
- radiation tolerance of the rat spinal cord: time-dose relationships, van der Kogel, Albert J., 122: 505, 1977
- Radiographs**  
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- Radiographs, image analysis**  
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- psychophysical studies of detection errors in chest radiology, Revesz, George; Kundel, Harold L., 123: 559, 1977
- simplified method for standardization of roentgenographic image quality using penetration quality measurements (AJR), Lin, Pei Jan Paul; Rogers, Lee F., 127: 659, 1976
- Radiographs, image degradation**  
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- Radiographs, image processing**  
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- Radiographs, interpretation**  
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- differences between right and left lateral chest radiographs (AJR), Riggs, Jr., Webster; Parvey, Louis, 127: 997, 1976
- does the "missed" radiographic diagnosis constitute malpractice? (opinion), Berlin, Leonard, 123: 523, 1977
- illusory biplane radiographic images, Volz, Robert G.; Martin, Marvin D., 122: 695, 1977
- metallic clip displacement in evaluating tumor recurrence or enlargement: source of error, Seymour, E. Quitman, 125: 118, 1977
- omissions in radiology: faulty search or stringent reporting criteria? Swenson, Richard G.; Hessel, Samuel J.; Herman, Peter G., 123: 563, 1977
- psychophysical studies of detection errors in chest radiology, Revesz, George; Kundel, Harold L., 123: 559, 1977
- radiographic artifacts caused by laundering of flame-retardant materials, Smith, Wilbur L.; Redick, Brenda; Hobson, Larry; Franken, Jr., E. A.; Smith, John A., 123: 625, 1977
- use of signal detection theory in examining the results of a contrast examination: case study using the lymphangiogram, McNeil, Barbara J.; Weber, Eric; Harrison, Dewey; Hellman, Samuel, 123: 613, 1977
- view box exercises for teaching problem solving in radiology (AJR), Miller, Roscoe E.; Andrew, Barbara J., 128: 271, 1977
- Radiographs, processing**  
automatic processing quality assurance program: impact on a radiology department, Goldman, Lee; Vucich, James J.; Beech, Scott; Murphy, W. Linell, 125: 591, 1977
- Radiographs, storage and retrieval**  
roentgen-tele-data: radiodiagnostic recording system, Madsen, Bent; Mehl, Jorgen, 123: 627, 1977
- storage and retrieval of radiographic images, Vosburgh, Kirby G., 123: 619, 1977
- Radiography**  
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- dependence of radiographic mottle on beam quality (AJR), Barnes, Gary T., 127: 819, 1976
- effects of motion on radiological image, Prasad, Satish C.; Edwards, F. Marc; Hendee, William R., 123: 763, 1977
- Radiography, apparatus and equipment**  
automatic x-ray exposure controller for mammography, Rose, Jr., J. Holt; Berdahl, C. Martin, 122: 252, 1977
- cassette holder for therapy portal radiographs, Paliwal, Bhudatt R.; Lane, Richard G., 122: 539, 1977
- digital K-edge subtraction radiography, Kruger, Robert A.; Mistretta, Charles A.; Crummy, Andrew B.; Sackett, Joseph F.; Goodsitt, Mitchell M.; Kiederer, Steven J.; Houk, T. L.; Shaw, Chorn-Gang; Fleming, David, 125: 243, 1977
- direct radiographic magnification for skeletal radiology: assessment of image quality and clinical application, Genant, Harry K.; Doi, Kunio; Mall, Jay C.; Sickles, Edward A., 123: 47, 1977
- effect of kilovoltage on detectability of pulmonary nodules in a chest phantom (AJR), Christensen, Edward E.; Dietz, Gerald W.; Murry, Robert C.; Moore, John G.; Stokely, Ernest M., 128: 789, 1977
- errors in radiographic measurements caused by variations in the table top/Bucky tray distance, Riggs, Jr., Webster, 124: 844, 1977
- linearity of exposure with indicated time and current for diagnostic radiography units, Starchman, Dale E.; Johnson, Ronald G.; Howland, Willard J., 122: 489, 1977
- noise reduction by radiographic magnification, Doi, Kunio; Imhof, Herwig, 122: 479, 1977
- reciprocating Bucky for serial film changers, Becker, Joshua A.; Heiferman, Sol, 125: 250, 1977
- scanning multiple slit assembly: practical and efficient device to reduce scatter (AJR), Barnes, Gary T.; Brezovich, Ivan A.; Witten, David M., 129: 497, 1977
- screen/film system speed: its dependence on x-ray energy, Vyborny, Carl J.; Metz, Charles E.; Doi, Kunio; Rossmann, Kurt, 125: 811, 1977
- sensitivity of radiographic screens to scattered radiation and its relationship to image contrast, Castle, John W., 122: 805, 1977
- wide-field resolution in radiography, Klein, David J.; Bergeron, R. Thomas; Bernstein, Hyman, 122: 811, 1977
- Radiography, image processing**  
subtraction radiography: techniques and limitations, Ort, Michael G.; Gregg, Earle C.; Kaufman, Benjamin, 124: 65, 1977
- Radiography, intraoperative**  
kidney cassettes for intraoperative radiography, Pochaczewsky, Rubem, 123: 237, 1977
- radiology of ex vivo renal perfusion and autotransplantation (AJR), Stables, Derek P.; Taubman, John; Hilton, John W.; Ronai, Peter M.; Putnam, Charles W., 128: 217, 1977
- radiology of transsphenoidal hypophysectomy: review of 100 cases (AJR), Rothman, Stephen L. G.; Kier, E. Leon; Allen, III, William E., 127: 601, 1976
- Radiography, technique**  
digital K-edge subtraction radiography, Kruger, Robert A.; Mistretta, Charles A.; Crummy, Andrew B.; Sackett, Joseph F.; Goodsitt, Mitchell M.; Kiederer, Steven J.; Houk, T. L.; Shaw, Chorn-Gang; Fleming, David, 125: 243, 1977
- direct radiographic magnification for skeletal radiology: assessment of image quality and clinical application, Genant, Harry K.; Doi, Kunio; Mall, Jay C.; Sickles, Edward A., 123: 47, 1977
- effect of kilovoltage on detectability of pulmonary nodules in a chest phantom (AJR), Christensen, Edward E.; Dietz, Gerald W.; Murry, Robert C.; Moore, John G.; Stokely, Ernest M., 128: 789, 1977
- Radiomunology**  
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- Radiological societies**  
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- Radiological Society of Connecticut, 125: 254, 1977
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- Western Neuroradiological Society, 122: 842, 1977
- Radiological Society of North America, 62nd scientific assembly and annual meeting**  
application of the radiological sciences to advance clinical and fundamental knowledge of the animal kingdom: new horizons for radiologists lecture, James, Jr., A. Everette, 124: 581, 1977
- Hodgkin's disease: multidisciplinary contributions to the conquest of a neoplasm. Erskine Memorial Lecture, 1976, Kaplan, Henry S., 123: 551, 1977
- report (edit), 122: 545, 1977
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- Radiological Society of North America, 63rd scientific assembly and annual meeting, refresher courses**  
enroll today for the 1977 refresher course program (edit), Campbell, Robert E., 124: 533, 1977
- facts to help you plan for the 63rd scientific assembly and annual meeting, 123: 504, 1977
- film interpretation session (edit), Shapiro, Jerome H., 125: 1977
- film interpretation session: summary of discussion and diagnoses (edit), Shapiro, Jerome H.; Benevenuto, Thomas C.; Feldman, Frieda; Lalli, Anthony F.; Reilly, Bernard J.; Viamonte, Jr., Manuel, 125: 829, 1977
- Invitation to the scientific assembly (edit), Carpenter, James W. J., 124: 527, 1977
- preliminary program (edit), 125: 261, 1977
- technical exhibits, 125: 553, 1977
- Radiological Society of North America, annual oration, 1975: a tribute to Herbert M. Stauffer, M.D. introduction of annual orator, Gerald D. Dodd, M.D. Beeler, John W., 123: 261, 1977**
- Erskine Memorial Lecture, 1976: in memory of Arthur W. Erskine, M.D. introduction of orator, Henry S. Kaplan, M.D. Salzman, Ferdinand A., 123: 549, 1977
- genetics and cancer of the gastrointestinal system: annual oration in honor of Herbert M. Stauffer, M.D., 1914-1970, Dodd, Gerald D., 123: 263, 1977
- James W. J. Carpenter, M.D., President, Radiological Society of North America (edit), 122: 543, 1977
- radiology 1976: challenge and response (edit), Holmes, R. Brian, 122: 839, 1977
- Radiology and radiologists**  
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body computed tomography: clinically important and efficacious radiologic procedure (L), Cimmino, Christian V.; Hall, Ferris M., 123: 241, 1977
- computer-assisted radiology reporting: quality of reports, Simborg, Donald W.; Krajci, Edwin J.; Wheeler, Paul S.; Gitlin, Joseph N.; Goldstein, Neil S., 125: 587, 1977
- does the "missed" radiographic diagnosis constitute malpractice? (opin), Berlin, Leonard, 123: 523, 1977
- effect of fatigue on resident performance, Christensen, Edward E.; Dietz, GERAL W.; Murry, Robert C.; Moore, John G., 125: 103, 1977
- eye lens protection for radiological personnel, Bergstrom, Kjell; Jorulf, Hakan; Lofroth, Per-Olov, 124: 839, 1977
- informed consent: dialogue (opin), Quimby, Jr., Charles W., 123: 805, 1977
- informed consent: medical decision (II) (opin), Allen, Robert W., 123: 807, 1977
- informed consent: some newer aspects and their relation to the specialty of radiology (opin), James, Jr., A. Everette; Johnson, Burton A.; Hall, Donald J., 123: 809, 1977
- interhospital television transmission of resident film-reading rounds, Mark, Richard J.; Zylak, Carl J.; Wilmot, Dan M.; MacEwan, Douglas W., 124: 841, 1977
- legal aspects of radiology (Nashville, Tenn.), 125: 788, 1977
- omissions in radiology: faulty search or stringent reporting criteria? Swenson, Richard G.; Hessel, Samuel J.; Herman, Peter G., 123: 563, 1977
- on "reuse of 'disposable' catheters and guidewires" by Ravin and Koehler (opin), Dotter, Charles T., 122: 843, 1977
- participation by radiologists in coronary angiography, Levin, David C.; Abrams, Herbert L., 125: 543, 1977
- psychophysical studies of detection errors in chest radiology, Revesz, George; Kundel, Harold L., 123: 559, 1977
- radiology 1976: challenge and response (edit), Holmes, R. Brian, 122: 839, 1977
- radiology manpower update, 1976: shortage or surfeit? (AJR), Riemenschneider, Paul A., 129: 575, 1977
- reuse of disposable catheters and guide wires, Ravin, Carl E.; Koehler, P. Ruben, 122: 577, 1977
- Role of the radiologist in coronary angiography, Levin, David C.; Adams, Douglass F.; Abrams, Herbert L., 125: 313, 1977
- some applications of the law of evidence to the specialty of radiology (opin), James, Jr., A. Everette; Hall, Donald J.; Johnson, Burton A., 124: 845, 1977
- telling children about diagnostic radiology procedures, Hass, Elizabeth A.; Solomon, Donald J., 124: 521, 1977
- value of consultation among radiologists (AJR), Hillman, Bruce J.; Swenson, Richard G.; Hessel, Samuel J.; Gerson, Donald E.; Herman, Peter G., 127: 807, 1976
- view box exercises for teaching problem solving in radiology (AJR), Miller, Roscoe E.; Andrew, Barbara J., 128: 271, 1977
- Radiology and radiologists, departmental management**  
automated radiology information system, Katz, Aaron; Budkin, Alberto; Shupler, Rita, 124: 699, 1977
- RAPORT radiology system: results of clinical trials (AJR), Mani, Richard L., 127: 811, 1976
- Radiology and radiologists, design of radiological facilities**  
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- Radiology (journal)**  
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- note of thanks (edit), Carpenter, James W. J.; Eyler, William R., 125: 841, 1977
- Radiology reporting systems**  
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- computer-assisted radiology reporting: quality of reports, Simborg, Donald W.; Krajci, Edwin J.; Wheeler, Paul S.; Gitlin, Joseph N.; Goldstein, Neil S., 125: 587, 1977
- computerized radiographic reporting in a community hospital: consumer's report (AJR), Seltzer, Ronald A.; Reimer, George W.; Cooperman, Lawrence R.; Rossiter, Stanford B., 128: 825, 1977
- RAPORT radiology system: results of clinical trials (AJR), Mani, Richard L., 127: 811, 1976
- roentgen-tele-data: radiodiagnostic recording system, Madsen, Bent; Mehl, Jorgen, 123: 627, 1977
- Radionuclide imaging**  
See also under organs, regions, and procedures as Brain, radionuclide studies; Cisternography  
quantitative external counting techniques enabling improved diagnostic and therapeutic decisions in patients with well-differentiated thyroid cancer, Thomas, Stephen R.; Maxon, Harry R.; Kereiakes, James G.; Saenger, Eugene L., 122: 731, 1977
- significance of radiocontaminants in  $^{125}\text{I}$  for dosimetry and scintillation camera imaging (ab), Baker, G. A.; Lum, D. J.; Smith, E. M.; Winchell, H. S., 124: 866, 1977
- Radionuclide imaging, apparatus and equipment**  
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- comparative study of "small" and "large" field-of-view cameras for bone scanning (ab), Ashby, Dillu; Di Paola, Pamela; Hoffer, Paul B., 123: 547, 1977
- distortion in converging collimator scintiphotography, Murphy, Paul H.; Burdine, John A., 125: 227, 1977
- light sources as a means of reproducing patient positioning, Sgroi, Vincent L.; Brach, Bernard B.; Ashburn, William L.; Moser, Kenneth M., 123: 234, 1977
- neurologic diagnosis using the 80-lens optical camera (ab), Barnes, Barbara D.; Parker, Howard; Anger, Hal O., 125: 861, 1977
- simple isodose plotter using a rectilinear radioisotope scanner, Walton, Philip W.; Howells, Robert, 122: 258, 1977
- use of a generalized modular data handling system in nuclear medicine, Holden, James E.; Nickles, R. J.; Kiuru, Aaro; Polcyn, Robert E., 122: 411, 1977
- Radionuclide imaging, comparative studies**  
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- Radionuclide imaging, in diagnosis of neoplasms**  
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- Radionuclide imaging, radiation dose**  
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- Radionuclide imaging, technique**  
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- distortion in converging collimator scintiphotography, Murphy, Paul H.; Burdine, John A., 125: 227, 1977
- light sources as a means of reproducing patient positioning, Sgroi, Vincent L.; Brach, Bernard B.; Ashburn, William L.; Moser, Kenneth M., 123: 234, 1977
- real clinical indication for selective spleen scintigraphy with  $^{99\text{m}}\text{Tc}$ -labeled red blood cells, Piepsz, Amnon; Viart, Pierre; Zysmusk, Beatrice; Jeghers, Omer, 123: 407, 1977
- Radionuclides**  
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- myocardial infarct imaging with technetium-99m phosphates (ab), Parkey, Robert W.; Bonte, Frederick J.; Buja, L. Maximilian; Stokely, Ernest M.; Willerson, James T., 123: 834, 1977
- radionale and radiopharmaceuticals for myocardial imaging (ab), Poe, Norman D., 123: 834, 1977
- significance of radiocontaminants in  $^{125}\text{I}$  for dosimetry and scintillation camera imaging (ab), Baker, G. A.; Lum, D. J.; Smith, E. M.; Winchell, H. S., 124: 866, 1977
- Radionuclides, comparative studies**  
comparative evaluation of  $^{99\text{m}}\text{Tc}$  GH,  $^{99\text{m}}\text{TcO}_4$ , and  $^{99\text{m}}\text{Tc}$  DTPA as brain imaging agents, Rollo, F. David; Cavalieri, Ralph R.; Born, Mark; Blei, Lynn; Chew, Mailine, 123: 379, 1977
- efficacy of thallium 201,  $^{99\text{m}}\text{Tc}$  phosphates, and  $^{99\text{m}}\text{Tc}$  MAA in localizing small myocardial infarctions in the pig, Tetelman, Marc R.; Foley, L. Christopher; Spencer, Crispin P.; Bishop, Sanford P., 124: 433, 1977
- evaluation of the *in vivo* properties of  $^{99\text{m}}\text{Tc}$ -HEDP, Citrin, D. L., 122: 255, 1977
- experimental approaches to myocardial function studies:  $\text{C}^{15}\text{O}_2$  and  $^{81\text{m}}\text{Kr}$  (ab), Polcyn, Robert E.; Nickles, R. Jerome, 123: 834, 1977
- $^{125}\text{I}$  therapy in Graves' disease: long-term results in 355 patients (ab), McDougall, I. R.; Greig, W. R., 125: 288, 1977
- radiopharmaceuticals for thrombus detection: selection preparation, and critical evaluation (SNM), Krohn, Kenneth A.; Knight, Linda C., 12: 219, 1977
- scintigraphic detection of acute gastrointestinal bleeding, Alavi, Abbas; Dann, Robert W.; Baum, Stanley; Biery, Darryl N., 124: 753, 1977
- scintigraphic evaluation of lymphoma: comparative study of  $^{67}\text{Ga}$ -citrate and

- <sup>111</sup>In-bleomycin, Bekerman, Carlos; Moran, Edgar M.; Hoffer, Paul B.; Hendrix, Ronald W.; Gottschalk, Alexander, 123: 687, 1977
- treatment of carcinoma of the breast by radiation therapy (ab), Linderkamp, O.; Holthausen, H.; Seifert, J.; Butenandt, I.; Riegel, K. P., 125: 575, 1977
- use of rare-earth radionuclides and other bone-seekers in the evaluation of bone lesions in patients with multiple myeloma or solitary plasmacytoma, Hubner, Karl F.; Andrews, Gould A.; Hayes, Raymond L.; Poggenburg, Jr., J. Kenneth; Solomon, Alan, 125: 171, 1977
- Radionuclides, quality control**  
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- Radionuclides, therapeutic**  
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- Radiosensitivity**  
clinical testing of radiosensitizer Ro-07-0582. I. dose tolerance, serum and tumour concentrations (ab), Gray, A. J.; Dische, S.; Adams, G. E.; Flockhart, I. R.; Foster, J. L., 123: 546, 1977
- clinical testing of the radiosensitizer Ro-07-0582. II. radiosensitization of normal hypoxic skin (ab), Dische, S.; Gray, A. J.; Zanelli, G. D., 123: 546, 1977
- clinical testing of the radiosensitizer Ro-07-0582. III. response of tumours (ab), Thomlinson, R. H.; Dische, S.; Gray, A. J.; Errington, Lesley M., 123: 546, 1977
- comparison of intravenous and intra-arterial pyrimidine infusion as a means of radiosensitizing tumors *in vivo*, Goffinet, Don R.; Brown, J. Martin, 124: 819, 1977
- cytotoxic and radiosensitizing effects of 5-thio-D-glucose on hypoxic cells, Song, Chang W.; Clement, Jacob J.; Levitt, Seymour H., 123: 201, 1977
- inherent cellular radiosensitivity of human tumors of varying clinical curability (AJR), Weichselbaum, Ralph R.; Epstein, J.; Little, John B.; Kornblith, Paul, 127: 1027, 1976
- radiation sensitivity of cultured human glioblastoma cells, Gerweck, Leo E.; Kornblith, Paul L.; Bartlett, Peg; Wang, Janice; Sweigert, Susan, 125: 231, 1977
- radiation tolerance of the rat spinal cord: time-dose relationships, van der Kogel, Albert J., 122: 505, 1977
- radiosensitization of normal tissue by chloroquine, Utley, Joella F.; Sachatello, Charles R.; Maruyama, Yosh; Avila, Jose; King, Ronald, 124: 255, 1977
- RAPHX (77)**  
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- Rare earths**  
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- Rathke's cleft cyst**  
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- Raynaud's disease**  
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- traumatic thenar ischemia (AJR), Wandtke, John C.; Spitzer, Robert M.; Olsson, Harold E.; Welch, Ethan, 127: 569, 1976
- Receiver operating characteristic curve (ROC)**  
effect of size and position on chest lesion detection (AJR), Kelsey, Charles A.; Moseley, R. D.; Brogdon, Byron G.; Bhawe, Dattatraya G.; Hallberg, J., 129: 205, 1977
- omissions in radiology: faulty search or stringent reporting criteria? Swenson, Richard G.; Hessel, Samuel J.; Herman, Peter G., 123: 563, 1977
- use of signal detection theory in examining the results of a contrast examination: case study using the lymphangiogram, McNeil, Barbara J.; Weber, Eric; Harrison, Dewey; Hellman, Samuel, 123: 613, 1977
- Rectum, abscess**  
radiography of hereditary presacral teratoma, Hunt, Patrick T.; Davidson, Kendrick C.; Ashcraft, Keith W.; Holder, Thomas M., 122: 187, 1977
- Rectum, effects of irradiation**  
analysis of dose, dose-rate and treatment time in the production of injuries by radium treatment for cancer of the uterine cervix (ab), Lee, K. H.; Kagan, A. R.; Wollin, M.; Nussbaum, H.; Winkley, J. H.; Norman, A., 122: 866, 1977
- Rectum, neoplasms**  
definitive treatment of carcinoma of the rectum by intracavitary radiation therapy (ab), Jelden, Gwynn L.; Dhaliwal, Ranjit S.; Rodriguez-Antunez, Antonio; Chernak, Edward S.; Turnbull, Rupert; Fazio, Victor; Weakley, Frank, 122: 571, 1977
- radiological demonstration of colorectal polyps undetected by endoscopy (ab), Laufer, Igor; Smith, Neville C. W.; Mullens, J. Edward, 122: 279, 1977
- role of radiotherapy in the definitive management of rectal carcinoma (AJR), Rafta, S.; Turner, S.; Meleka, F.; Ghossein, N., 127: 841, 1976
- Rectum, stenosis**  
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- Rectus sheath**  
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- Red blood cells**  
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- Red blood cells, radionuclide studies**  
real clinical indication for selective spleen scintigraphy with <sup>99m</sup>Tc-labeled red blood cells, Piepsz, Amnon; Viart, Pierre; Szymusik, Beatrice; Jeghers, Omer, 123: 407, 1977
- Reflux**  
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- Reiter syndrome**  
calcaneal abnormalities in articular disorders: rheumatoid arthritis, ankylosing spondylitis, psoriatic arthritis, and Reiter syndrome, Resnick, Donald; Feingold, Mitchell L.; Curd, John; Niwayama, Gen; Goergen, Thomas G., 125: 355, 1977
- Relative biological effectiveness**  
biological aspects of high LET radiation therapy, Todd, Paul, 125: 493, 1977
- cure of EMT-6 tumor by x rays or neutrons: effect of mixed-fractionation schemes, Rasey, Janet S.; Carpenter, Rita E.; Nelson, Norma J.; Parker, Robert G., 123: 207, 1977
- current status of clinical pion radiotherapy, Kligerman, Morton M.; Black, William C.; Yuh, John M.; Doberneck, Raymond C.; Bradbury, James N.; Kelsey, Charles A., 125: 489, 1977
- effects of fast neutrons and x rays on the subependymal layer of the rat brain, Chausser, Barry; Morris, Caroline; Field, Stanley B.; Lewis, Paul D., 122: 821, 1977
- variation of the relative biologic effectiveness with tumor size using accelerated helium ions (ab), Shaeffer, J.; El-Mahdi, A. M.; Aceto, Jr., H.; Constable, W. C., 124: 285, 1977
- Renal angiography**  
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- Renal angiography, indications**  
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- angiography in the differential diagnosis of hydronephrosis (ab), Kauffmann, G.; Seib, U. C., 122: 566, 1977
- epinephrine-enhanced renal angiography in renal mass lesions: is it worth performing? (AJR), Bosniak, Morton A.; Ambros, Marjorie A.; Madayag, Manuel A.; Lefleur, Richard S.; Casarella, William J., 129: 647, 1977
- renal oncocytoma: angiographic features of two cases, Weiner, Shelley N.; Bernstein, Robert G., 125: 633, 1977
- Renal angiography, technique**  
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- lateral view in selective renal angiography, Lee, Won J.; Pillari, George; Wind, Edward S., 123: 227, 1977
- Renal arteries**  
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- therapeutic embolization with long-term occluding agents and their effects on embolized tissues, White, Jr., Robert I.; Strandberg, John V.; Gross, Gary S.; Barth, Klemens H., 125: 677, 1977
- Renal arteries, abnormalities**  
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- Renal arteries, dissection**  
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- Renal arteries, fibroplasia**  
renal venographic findings in 29 kidneys with fibromuscular dysplasia of the renal artery, Ekelund, Leif; Gerlock, A. James; Goncharenko, Victor; Francis, Robert, 125: 631, 1977
- spectrum of angiographically demonstrable renal pathology in young hypertensive patients, Harper, Ada Patricia; Yune, Heun Y.; Franken, Jr., Edmund A., 123: 141, 1977
- Renal arteries, fistula**  
cyanoacrylate occlusion of a renal arteriovenous fistula (AJR), Kerber, Charles W.; Freeny, Patrick, C.; Cromwell, Laurence D.; Margolis, M. Theodore; Correa, Jr., Roy J., 128: 663, 1977
- Renal arteries, hypertension**  
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- Renal arteries, occlusion**  
therapeutic vascular occlusion utilizing steel coil technique: clinical applications (AJR), Wallace, Sidney; Gianturco, Cesare; Anderson, James H.; Goldstein, Harvey M.; Davis, L. John; Bree, Robert L., 127: 381, 1976
- Renal arteries, stenosis**  
cortical rim sign in renal infarction, Paul, George J.; Stephenson, Thomas F., 122: 338, 1977
- embolic control of hypertension caused by segmental renal artery stenosis (AJR), Reuter, Stewart R.; Pomeroy, Paul R.; Chuang, Vincent F.; Cho, Kyung J., 127: 389, 1976
- extra-adrenal pheochromocytoma producing renal artery stenosis (ab), Raghavaiah, N. V.; Singh, Sarinder Man, 122: 282, 1977
- renal infarction: complication of Gelfoam embolization of a hemangioendothelioma of the liver (AJR), Tegtmeier, Charles J.; Smith, Thomas H.; Shaw, Anthony; Barwick, Kenneth W.; Kattwinkel, John, 128: 305, 1977
- unilateral renal disease causing hypertension (ab), Stamey, Thomas A., 124: 860, 1977
- Renal arteries, thrombosis**  
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- Renou-Osler-Weber syndrome**  
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- Renin**  
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- Respiration, physiology**  
respiratory arrest: fatal complication of myelography, Benedict, Jr., Karl T.; Janower, Murray L., 122: 729, 1977
- Respiratory distress syndrome**  
bubbles in hyaline membrane disease: differentiation of three types, Swischuk, Leonard E., 122: 417, 1977
- chest x-ray changes in survivors of severe idiopathic respiratory distress syndrome (ab), Kamper, J.; Schieler, H. U., 125: 277, 1977
- diagnosis of oligohydramnios-related pulmonary hypoplasia (Potter syndrome): value of portable voiding cystourethrography in newborns with respiratory distress, Wolf, Ellen L.; Berdon, Walter E.; Baker, David H.; Wigger, H. Joachim; Blanc, William A., 125: 769, 1977
- dysontogenic accessory lobe of the thymus: new clinical entity? (ab), Kabelka, M.; Sintakova, B.; Zitkova, M., 124: 566, 1977
- endotracheal tube displacement in the newborn infant (ab), Todres, I. David; deBros, Frederic; Kramer, Sandra S.; Moylan, Fergus M. B.; Shannon, Daniel C., 122: 560, 1977
- massive intravascular air accumulation in neonate (ab), Lubens, Perry; Jubeliner, David; Steichen, Jean J., 123: 821, 1977
- patent ductus arteriosus in preterm infants with idiopathic respiratory distress syndrome: radiographic and echocardiographic evaluation, Higgins,

- Charles B.; Rausch, James; Friedman, William F.; Hirschklau, Michael J.; Kirkpatrick, Stanley E.; Goergen, Thomas G.; Reinke, Robert T., 124: 189, 1977
- peep:** radiographic features and associated complications (AJR), McLoud, Theresa C.; Barash, Paul G.; Ravin, Carl E., 129: 209, 1977
- pneumoperitoneum associated with intrapulmonary or intrathoracic air collections in the newborn with respiratory distress (ab), Deffrenne, P.; Dutruge, J.; Gilly, J., 125: 277, 1977
- pneumothorax in the respiratory distress syndrome: incidence and effect on vital signs, blood gases, and pH (ab), Ogata, Edward S.; Gregory, George A.; Kitterman, Joseph A.; Phibbs, Roderic H.; Tooley, William H., 122: 851, 1977
- pulmonary pseudocysts in the newborn infant (ab), Harris, Howard, 124: 854, 1977
- radiographic features of early onset group B streptococcal neonatal sepsis, Ablow, Ronald C.; Gross, Ian; Efficmann, Eric L.; Uauy, Ricardo; Driscoll, Shirley, 124: 771, 1977
- radiologic findings in symptomatic neonatal plethra resulting from placental transfusion, Saigal, Saroj; Wilson, Rolla; Usher, Robert, 125: 185, 1977
- value of radiology in the idiopathic respiratory distress syndrome: radiological and pathological correlation study (ab), Tudor, J.; Young, L.; Wigglesworth, J. S.; Steiner, R. E., 122: 276, 1977
- Retina**  
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- Retroperitoneal space**  
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- Retroperitoneal space, biopsy**  
percutaneous fine needle aspiration biopsy of pancreatic and other abdominal masses, Goldstein, Harvey M.; Zornoza, Jesus; Wallace, Sidney; Anderson, James H.; Bree, Robert L.; Samuels, Barry I.; Lukeman, John M., 123: 319, 1977
- Retroperitoneal space, fibrosis**  
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- retroperitoneal fibrosis and inapparent obstructive uropathy, Lalli, Anthony F., 122: 339, 1977
- Retroperitoneal space, fluid**  
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- Retroperitoneal space, hemorrhage**  
detection of retroperitoneal hemorrhage by computed tomography (AJR), Sagel, Stuart S.; Siegel, Marilyn J.; Stanley, Robert J.; Jost, R. Gilbert, 129: 403, 1977
- intrapertitoneal and retroperitoneal hemorrhage (RCNA), McCort, James J., 14: 391, 1976
- postpartum ovarian artery rupture with retroperitoneal hemorrhage (AJR), Mojab, Kamal; Rodriguez, Justo, 128: 695, 1977
- Retroperitoneal space, neoplasms**  
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- computed tomography of the kidney, Sagel, Stuart S.; Stanley, Robert J.; Levitt, Robert G.; Geisse, Guillermo, 124: 359, 1977
- contributions of computed tomography in the staging and management of malignant lymphoma, Alcorn, Franklin S.; Mategrano, Victor C.; Petasnick, Jerry P.; Clark, John W., 125: 717, 1977
- diagnosis and evaluation of retroperitoneal tumors by computed tomography (AJR), Stephens, David H.; Sheedy, II, Patrick F.; Hattery, Robert R.; Williamson, Jr., Byrn, 129: 395, 1977
- transperitoneal percutaneous retroperitoneal lymph node aspiration biopsy, Zornoza, Jesus; Wallace, Sidney; Goldstein, Harvey M.; Lukeman, John M.; Jing, Bao-shan, 122: 111, 1977
- value and limitations in the differential diagnosis of retroperitoneal tumors in the lymphatic system (ab), Elke, M.; Ferstl, A.; Schwegler, N., 122: 562, 1977
- Retroperitoneal space, ultrasound studies**  
accuracy of retroperitoneal ultrasonography in Hodgkin's disease and non-Hodgkin's lymphoma, Brascho, Donn J.; Durant, John R.; Green, Lawrence E., 125: 485, 1977
- diagnosis of retroperitoneal fluid collections by ultrasonography: series of surgically proved cases (ab), McCullough, D. L.; Leopold, C. R., 122: 571, 1977
- techniques for improved delineation of normal anatomy of the upper abdomen and high retroperitoneum with gray-scale ultrasound, Sample, W. Frederick, 124: 197, 1977
- value of ultrasonography in the detection of retroperitoneal inflammatory masses, Laing, Faye C.; Jacobs, Richard P., 123: 169, 1977
- Rhabdomyosarcoma**  
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- Rheumatic fever, cardiac complications**  
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- Ribs, cysts**  
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- Ribs, fractures**  
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- Ribs, neoplasms**  
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- Rickets**  
adult-onset vitamin D-resistant hypophosphotemic osteomalacia: possible variant of vitamin D-resistant rickets (ab), Frymoyer, John W.; Hodgkin, William, 124: 572, 1977
- congenital rickets: study of the evolution of secondary hyperparathyroidism (ab), Sann, L.; David, L.; Frederich, A.; Bovier-Lapierre, M.; Bourgeois, J.; Romand-Monier, M.; Bethenod, M., 125: 282, 1977
- rickets associated with anticonvulsant therapy in children with tuberous sclerosis (ab), Addy, D. P., 125: 282, 1977
- Robinson, Walter Westbrook**  
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- Rocket fuels**  
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- Roentgenograms**  
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- Rousseau, Robert Earl**  
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- Sacroccocygeal region, neoplasms**  
clinical and radiographic considerations of sacrococcygeal teratomas: analysis of 26 new cases and review of the literature, Schey, William L.; Shkolnik, Arnold; White, Harvey, 125: 189, 1977
- radiography of hereditary presacral teratoma, Hunt, Patrick T.; Davidson, Kendrick C.; Ashcraft, Keith W.; Holder, Thomas M., 122: 187, 1977
- Sacro-iliac joint**  
comparison of radiographic abnormalities of the sacroiliac joint in degenerative disease and ankylosing spondylitis (AJR), Resnick, Donald; Niwayama, Gen; Goergen, Thomas G., 128: 189, 1977
- sacroiliitis in severe psoriasis (AJR), Harvie, J. N.; Lester, R. S.; Little, A. H., 127: 579, 1976
- Sacrum**  
posterior widening of the S1-S2 interspace in children: normal variant of sacral development (AJR), Cacciarelli, Alexander A., 129: 305, 1977
- Sacrum, abnormalities**  
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- Sacrum, neoplasms**  
lateral view in radionuclide imaging of the sacrum, Epstein, David A.; Stern, Harvey, 123: 704, 1977
- Sacrum, radionuclide studies**  
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- Salicylate**  
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- Salicyl compounds**  
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- Saline lavage**  
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- Salivary glands**  
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- salivary gland uptake of  $^{67}\text{Ga}$ -citrate following radiation therapy (ab), Bekerman, Carlos; Hoffer, Paul B., 124: 864, 1977
- Salivary glands, diseases**  
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- Salivary glands, neoplasms**  
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- Salivary glands, radiography**  
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- subtraction sialography, Forman, Walter H., 122: 533, 1977
- use of Seldinger technique in sialography, Koch, Robert L.; Wade, Don, 123: 232, 1977
- Salivary glands, radionuclide studies**  
diagnostic value of sialography and scintigraphy in salivary gland diseases (ab), Schmitt, G.; Lehmann, G.; Strotges, M. W.; Wehmer, W.; Reinecke, V.; Teske, H. J.; Rottinger, E. M., 122: 560, 1977
- effect of tin on the tissue distribution of  $^{99m}\text{Tc}$ -sodium pertechnetate, Ancrì, Daniel; Lonchamp, Marie-France; Basset, Jean-Yves, 124: 445, 1977
- origin and location of the oral activity in sequential salivary gland scintigraphy with  $^{99m}\text{Tc}$ -pertechnetate (ab), van den Akker, H. P.; Sokole, E. Busemann; van der Schoot, J. B., 125: 862, 1977
- quantitative aspects of pertechnetate concentration in human parotid and submandibular salivary glands (ab), Stephen W.; Robertson, J. W. K.; Harden, R. McG., 124: 579, 1977
- Sarcoidosis**  
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- anterior mediastinal lymphadenopathy in sarcoidosis (AJR), Berkman, Yahya M.; Javors, Bruce R., 127: 983, 1976
- neuro-otologic manifestation of sarcoidosis (ab), Hybels, Roger L.; Rice, Dale H., 125: 850, 1977
- prognosis of sarcoidosis in children (ab), Kendig, Jr., Edwin L.; Brummer, Donald L., 122: 561, 1977
- spectrum of pleural involvement in sarcoidosis (ab), Beekman, Jerome F.; Zimmet, Steven M.; Chun, B. K.; Miranda, Armando A.; Katz, Sol, 122: 561, 1977
- Sarcoma**  
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- angiosarcoma of superficial femoral artery with distal embolization, Otto, Rainer C.; Pouliadis, Grigoris P.; Bollinger, Alfred, 123: 310, 1977
- comparative evaluation of a case of cytosarcoma phylloides: ultrasound, xeroradiography and thermography, Jellins, Jack; Hughes, Clifford; Ryan, James; Reeve, T. S.; Kossoff, George, 124: 803, 1977
- desmoid tumors—treatment and prognosis, Wara, William M.; Phillips, Theodore L.; Hill, Dennis R.; Bovill, Jr., Edwin; Luk, Kenneth H.; Lichter, Allen S.; Leibell, Steven A., 124: 225, 1977
- epithelioid sarcoma: radiologic and pathologic manifestations (AJR), Lo, Hing-Har; Kalisher, Lester; Faix, James D., 128: 1017, 1977
- metallic clip displacement in evaluating tumor recurrence or enlargement: source of error, Seymour, E. Quitman, 125: 118, 1977
- multiple ossified metastases to the kidney from osteogenic sarcoma (AJR), Goldstein, Charles; Ambros, Marjorie A.; Bosniak, Morton A., 128: 148, 1977
- multiple sclerotic osteogenic sarcoma of early childhood (ab), Cremin, B. J.; Heselson, N. G.; Webberg, B. L., 122: 857, 1977



- other malignant tumors of the lung (SR), Greene, Reginald; McLoud, Theresa C.; Stark, Paul, 122: 225, 1977
- sarcoma of the kidney: angiographic features (AJR), Granmayeh, Masood; Wallace, Sidney; Barrett, A. Frank; Fisher, Richard G.; Heslep, J. H., 129: 107, 1977
- treatment of connective tissue sarcomas by local excision followed by radioactive implant (ab), Collins, J. E.; Paine, C. H.; Ellis, F., 122: 572, 1977
- value of  $^{67}\text{Ga}$  scintigraphy in soft-tissue sarcoma and chondrosarcoma, Kaufman, Jerome H.; Cedermark, Bjorn J.; Parthasarathy, Kondiah L.; Didolkar, Mukund S.; Bakshi, Suraj P., 123: 131, 1977
- Sarcoma, osteogenic**  
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- Scalp, blood supply**  
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- Scalp, effects of irradiation**  
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- Scalp, neoplasms**  
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- Scapula**  
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- unusual scapular stress fracture (AJR), Brower, Anne C.; Neff, James R.; Tillema, David A., 129: 519, 1977
- Schistosomiasis**  
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- less familiar manifestations of schistosomiasis of the urinary tract (ab), Umerah, B. C., 125: 857, 1977
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- Schwannoma**  
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- schwannoma presenting as a nasal polyp (ab), Kaufman, Sean M.; Conrad, Larry P., 122: 274, 1977
- Scleroderma**  
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- intra-articular calcification in scleroderma, Resnick, Donald; Scavulli, John F.; Goergen, Thomas G.; Genant, Harry K.; Niwayama, Gen, 124: 685, 1977
- mixed connective tissue disease: spectrum of radiographic manifestations, Udoof, Eric J.; Genant, Harry K.; Kozin, Franklin; Ginsberg, Mark, 124: 613, 1977
- roentgenologic interval observations of the chest in progressive scleroderma (ab), Gurtler, K. F.; Erbe, W.; Kreysel, H. W.; Bucheler, A., 124: 566, 1977
- Sclerosis**  
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- loss of colonic haustration in progressive systemic sclerosis (ab), Martel, William; Chang, Stanley F.; Abell, Murray R., 122: 279, 1977
- Sclerosis, multiple**  
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- Scoliosis**  
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- Scrotum**  
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- ultrasonographic examination of scrotal masses (ab), Miskin, Murray; Buckspan, Martin; Bain, Jerald, 123: 833, 1977
- use of radioisotope scan in evaluation of intrascrotal lesions (ab), Riley, Thomas W.; Mosbaugh, Phillip G.; Coles, Jerry L.; Newman, Daniel M.; Van Hove, Eugene D.; Heck, Larry L., 122: 865, 1977
- Scrotum, neoplasms**  
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- Scrotum, radionuclide studies**  
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- Scurvy**  
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- Sella turcica**  
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- diagnosis of empty sella with CT scan (ab), Rozario, R.; Hammerschlag, S. B.; Post, K. D.; Wolpert, S. M., 125: 563, 1977
- pneumoencephalographic changes with intrasellar cystic herniation (primary empty sella) (ab), Bajraktari, Xh.; Grepe, A.; Groulatia, R. K., 125: 563, 1977
- skull changes with intrasellar cystic herniation (empty sella) (ab), Bajraktari, Xh., 125: 563, 1977
- uncommon sphenoid fractures and their sequelae, Archer, Carol R.; Sundaram, Murali, 122: 157, 1977
- Sella turcica, cysts**  
empty sella syndrome secondary to intrasellar cyst in adolescence (ab), Raiti, Salvatore; Albrink, Margaret J.; Maclaren, Noel K.; Chaddock, William M.; Gabriele, Orlando F.; Chou, Samuel M., 123: 250, 1977
- Sella turcica, fracture**  
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- Sella turcica, neoplasms**  
chordoma: radiologic evaluation of 20 cases (AJR), Firooznia, Hossein; Pinto, Richard S.; Lin, Joseph P.; Baruch, Hans H.; Zausner, Joseph, 127: 977, 1976
- computerized tomography in the diagnosis of sellar and parasellar lesions (SR), Leeds, Norman E.; Naidich, Thomas P., 12: 121, 1977
- parasellar choristoma (AJR), Sholkoff, Stephen D.; Kerber, Charles W.; Cramm, Richard E.; Silverman, Lloyd, 128: 1051, 1977
- Semilunar cartilages**  
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- new simple restraining device for fluoroscopically monitored knee arthrography, Levinsohn, E. Mark, 122: 827, 1977
- ossicle of the meniscus (AJR), Bernstein, Richard M.; Olsson, Harold E.; Spitzer, Robert M.; Robinson, Kenneth E.; Korn, Martin W., 127: 785, 1976
- Seminoma**  
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- radiation therapy for pineal tumors and suprasellar germinomas, Wara, William M.; Fellows, Carol F.; Sheline, Glenn E.; Wilson, Charles B.; Townsend, Jeannette J., 124: 221, 1977
- scrotal thermography, Gold, Richard H.; Ehrlich, Richard M.; Samuels, Barry; Dowdy, Andrew; Young, Roy T., 122: 129, 1977
- testicular seminoma with an abdominal mass (AJR), Kagan, A. Robert; Steckel, Richard J., 129: 707, 1977
- Septum transversum**  
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- Sesamoid bone**  
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- Shields**  
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- Shoulder**  
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- Shoulder, abnormalities**  
pelvis-shoulder dysplasia (ab), Thomas, P. S.; Reid, M. McC.; McCurdy, A. M., 125: 571, 1977
- Shoulder, arthrography**  
double contrast shoulder arthrogram: evaluation of rotary cuff tears, Ghelman, Bernard; Goldman, Amy Beth, 124: 251, 1977
- Shoulder, dislocation**  
roentgen diagnosis of habitual luxations of the shoulder joint (ab), Weisman, J. A.; Matison, J. A., 124: 573, 1977
- Shoulder, wounds and injuries**  
double contrast shoulder arthrogram: evaluation of rotary cuff tears, Ghelman, Bernard; Goldman, Amy Beth, 124: 251, 1977
- osteolysis of the clavicular tip associated with repeated minor trauma to the shoulder, Seymour, E. Q., 123: 56, 1977
- Shunts, arteriovenous**  
arterial-portal venous shunting in cavernous hemangioma of the liver, Winograd, Jeffery; Palubinskas, Alphonse J., 122: 331, 1977
- echocardiography of premature infants with pulmonary disease: noninvasive method for detecting large ductal left-to-right shunts, Laird, W. Pennock; Fixler, David E., 122: 455, 1977
- Shunts, cardiac**  
echocardiographic detection of intracardiac right-to-left shunts following peripheral vein injections (ab), Valdes-Cruz, Lilliam M.; Pieroni, Daniel R.; Roland, Jean-Michel A.; Varghese, P. Jacob, 123: 541, 1977
- Shunts, portacaval**  
hepatic occlusion venography with a balloon catheter in portal hypertension, Novak, Dragutin; Buetzow, Gerd Henning; Becker, Klaus, 122: 623, 1977
- Sialography**  
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- Sickle cell disease (SS, SC)**  
cholecystitis and cholelithiasis masking as abdominal crises in sickle cell disease (ab), Ariyan, Stephen; Shessel, Frederick S.; Pickett, Lawrence K., 122: 855, 1977
- large cerebral vessel disease in sickle cell anemia (ab), Boros, L.; Thomas, C.; Weiner, W. J., 125: 850, 1977
- serial bone-scan changes in recurrent bone infarction (ab), Greyson, N. David; Kassel, Edward E., 122: 288, 1977
- visualization of spleen with a bone-seeking radionuclide in child with sickle-cell anemia, Fischer, Keith C.; Shapiro, Stuart; Treves, Salvador, 122: 398, 1977
- Sigmoid**  
See Intestines
- Silhouette sign**  
See Lungs, abnormalities
- Simethicone**  
use of simethicone as a patient preparation for abdominal sonography, Sommer, Graham; Filly, Roy A.; Laing, Faye C., 125: 219, 1977
- Sinus, dural**  
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- Sinuses, cavernous**  
cavernous sinus syndrome produced by communication between the external carotid artery and cavernous sinus (ab), Edwards, Michael S.; Connolly, Edward S., 125: 847, 1977
- technical contribution to the exact angiographic localization of carotid cavernous fistulas (ab), Huber, P., 125: 848, 1977
- transfrontal cavernous sinus venography: simple method of selective superficial venous compression, Houghton, Victor M.; Rosenbaum, Arthur E., 124: 514, 1977
- Sinuses, maxillary**  
See Maxillary sinus
- Sinuses, paranasal**  
orbital enlargement secondary to paranasal sinus hypoplasia (AJR), Bierny, Jean-Paul; Dryden, Robert, 128: 850, 1977
- tomography in expansive lesions of the nasal and paranasal sinuses, Dubois, Philip J.; Schultz, Joseph C.; Perrin, Ronald L.; Dastur, Kursed J., 125: 149, 1977
- Sinuses, sphenoid**  
radiology of transsphenoidal hypophysectomy: review of 100 cases (AJR), Rothman, Stephen L. G.; Kier, E. Leon; Allen, III, William E., 127: 601, 1976

- sphenothmoidal mucocoele: radiographic diagnosis (AJR), Roberson, Glenn H.; Patterson, Arthur K.; Deeb, Mohamed El; Maisel, Robert H.; Bone, Robert C., 127: 595, 1976
- Sinuses, superior sagittal**  
scalp veins as collateral pathway with parasagittal meningiomas occluding the superior sagittal sinus (ab), Waga, S.; Handa, H., 124: 272, 1977
- Sinuses, venous**  
tentorium in axial section. I. normal CT appearance and non-neoplastic pathology, Naidich, Thomas P.; Leeds, Norman E.; Kricheff, Irvin I.; Pudlowski, Rochelle M.; Naidich, James B.; Zimmerman, Robert D., 123: 631, 1977
- Sinusitis**  
sudden blindness as a complication of sphenoid sinusitis: case report (ab), Afshani, Ehsan; Cohen, Michael E., 123: 250, 1977
- Sinus of Valsalva**  
single coronary artery from the right sinus of Valsalva: angiography, anatomy, and clinical significance (AJR), Kelley, Michael J.; Wolfson, Steven; Marshall, Robert, 128: 257, 1977
- Sinus, sphenoid**  
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- Siwe-Letterer disease**  
See Reticuloendothelial system, diseases
- Sjogren's syndrome**  
See Eyes; Lungs; Salivary glands
- Skeleton**  
See Bones
- Skin**  
skin necrosis following extravasation during peripheral phlebography, Spigos, D. G.; Thane, T. T.; Capek, V., 123: 605, 1977
- unusual manifestations of Henoch-Scholeim syndrome (ab), Byrn, James R.; Fitzgerald, Joseph F.; Northway, James D.; Anand, Sudhir K.; Scott, John R., 124: 569, 1977
- Skin, diseases**  
occult malignant tumors in dermatologic disease: futility of radiological search, Moss, Albert A.; Hanelin, Laurence G., 123: 69, 1977
- Skin, effects of irradiation**  
current status of clinical pion radiotherapy, Kligerman, Morton M.; Black, William C.; Yuhas, John M.; Doberneck, Raymond C.; Bradbury, James N.; Kelsey, Charles A., 125: 489, 1977
- effects of varied numbers of dose fractions on the tolerance of normal human skin (ab), Brennan, D.; Young, C. M. A.; Hopewell, J. W.; Wiernik, G., 122: 572, 1977
- use of auxiliary collimating devices in the treatment for breast cancer with  $^{60}\text{Co}$  teletherapy units. II. dose to the skin (AJR), Hanson, William F.; Grant, III, Walter, 127: 653, 1976
- Skin, neoplasms**  
effects of varied numbers of dose fractions on the tolerance of normal human skin (ab), Brennan, D.; Young, C. M. A.; Hopewell, J. W.; Wiernik, G., 122: 572, 1977
- pilomatricoma (calcifying epithelioma of Malherbe): radiographic features, Haller, Jack O.; Kassner, E. George; Ostrowitz, Arthur; Kottmeier, Peter K.; Pertschuk, Louis P., 123: 151, 1977
- Skin, therapeutic radiology**  
superficial radiotherapy of warts: results of treating 531 warts, Macht, Stanley H.; Cordero, Jose M., 122: 231, 1977
- Skull**  
See also Atlas and axis; Head; Hydrocephalus; Posterior fossa; Sella turcica; Temporal bone; etc.
- bone thinning in frontal mucocoele (ab), Jackson, A. R., 125: 565, 1977
- cranial response to treatment of sagittal synostosis (ab), Merten, D. F.; Latimer, F. R.; Boodin, S., 123: 250, 1977
- radiographic findings in children with psychosocial dwarfism (ab), Gloeb, H. J.; Capitanio, M. A.; Kirkpatrick, J. A., 123: 827, 1977
- skull changes with intrasellar cysternal herniation (empty sella) (ab), Bajraktari, Xh., 125: 563, 1977
- Skull, abnormalities**  
anomalies of craniovertebral border (ab), Shapiro, Robert; Robinson, Franklin, 123: 826, 1977
- craniosynostosis, midfacial hypoplasia, and foot abnormalities: autosomal dominant phenotype in large Amish kindred (ab), Jackson, Charles E.; Weiss, Lester; Reynolds, William A.; Forman, Tod F.; Peterson, James A., 123: 826, 1977
- intradiploic neural heterotopia: rare calvarial defect, Kim, Kwang S.; Rogers, Lee F.; Weinberg, Peter E., 125: 425, 1977
- lacunar skull deformity and intelligence (ab), Fishman, Marvin A.; Palkes, Helen S.; Shackelford, Gary D.; McAlister, William H., 124: 853, 1977
- macrocranium and macrocephaly in neurofibromatosis (ab), Holt, John F.; Kuhns, Lawrence R., 122: 857, 1977
- normal variants and congenital anomalies in the region of the obelion (AJR), Currarino, Guido, 127: 487, 1976
- Skull, anatomy**  
normal variants and congenital anomalies in the region of the obelion (AJR), Currarino, Guido, 127: 487, 1976
- Skull, calcification**  
os incae (AJR), Shapiro, Robert; Robinson, Franklin, 127: 469, 1976
- Skull, fractures**  
uncommon sphenoidal fractures and their sequelae, Archer, Carol R.; Sundaram, Murali, 122: 157, 1977
- Skull, hypertrophy**  
cranial computed tomographic scan appearance of Sturge-Weber disease: unusual presentation, Enzmans, Dieter R.; Hayward, R. W.; Norman, David; Dunn, R. P., 122: 721, 1977
- craniodiaphyseal dysplasia: evolution over a five-year period (ab), Tucker, A. S.; Klein, L.; Antony, G. J., 122: 850, 1977
- facial nevi associated with anomalous venous return and hydrocephalus (ab), Shapiro, Kenneth; Shulman, Kenneth, 122: 851, 1977
- Skull, neoplasms**  
benign osteoblastoma of vertebral column and skull (ab), Doron, Y.; Gruszkiewicz, J.; Gelli, B.; Peyser, W., 124: 570, 1977
- cranial chondrosarcomas: report of four cases and review of the literature, Bahr, Albert L.; Gayler, Bob W., 124: 151, 1977
- delineation of lesions of the base of the skull by computed tomography, Nakagawa, Hiroshi; Wolf, Bernard S., 124: 75, 1977
- intracranial chondromas (AJR), Sarwar, Mohammad; Swischuk, Leonard E.; Schechter, Mannie M., 127: 973, 1976
- prognosis in meningioma through evaluation of skull bone patterns, Olmsted, William W.; McGee, Thomas P., 123: 375, 1977
- Skull, radiography**  
tomogram degradation due to eye shielding and collimation, Sackett, Joseph F.; Kalender, Willi, 123: 236, 1977
- Skull, sclerosis**  
craniodiaphyseal dysplasia: evolution over a five-year period (ab), Tucker, A. S.; Klein, L.; Antony, G. J., 122: 850, 1977
- Society of Nuclear Medicine**  
international annual meeting (15th) (Groningen, The Netherlands), 123: 384, 1977
- Society of Nuclear Medicine: Greater New York Area Chapter**  
Society of Nuclear Medicine: greater New York area chapter (New York, N.Y.), 124: 438, 1977
- Society of Nuclear Medicine: New England Chapter**  
Society of Nuclear Medicine: New England chapter (Boston, Mass.), 124: 438, 1977
- Sodium, hydroxide**  
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- Soft tissues**  
See also under names of soft tissues, as Breast computed tomography of localized adipose deposits presenting as tumor masses (AJR), Cohen, William N.; Seidemann, Frank E.; Bryan, Patrick J., 128: 1007, 1977
- radiographic study of the ligamentous anatomy of the ankle, Kaye, Jeremy J.; Bohne, Walther H. O., 125: 659, 1977
- Soft tissues, amyplosia congenita**  
otolaryngological manifestations of arthrogyposis multiplex congenita (ab), Cohen, Seymour R.; Isaacs, Jr., Hart, 124: 857, 1977
- Soft tissues, calcification**  
Charcot's joint: two new observations (AJR), Harrison, R. Brent, 128: 807, 1977
- demonstration of long-standing metastatic soft tissue calcification by  $^{99m}\text{Tc}$  diphosphonate (AJR), Epstein, David A.; Solar, Mladen; Levin, Emanuel J., 128: 145, 1977
- parametrial calcification in cervical carcinoma patients treated with radioactive gold (AJR), Deeths, Tony M.; Stanley, Robert J., 127: 511, 1976
- radiography and scintigraphy in tumoral calcinosis, Brown, Manuel L.; Thrall, James H.; Cooper, Robert A.; Kim, Young C., 124: 757, 1977
- Soft tissues, inflammation**  
observations on the sequential use of  $^{99m}\text{Tc}$ -phosphate complex and  $^{67}\text{Ga}$  imaging in osteomyelitis, cellulitis, and septic arthritis, Lisbona, Robert; Rosenthal, Leonard, 123: 123, 1977
- Soft tissues, neoplasms**  
angiolioma: rare benign soft tissue tumor with a malignant arteriographic appearance (AJR), Finberg, Harris J.; Levin, David C., 128: 697, 1977
- arteriography in bone tumors (ab), Voegeli, E.; Uehlinger, E., 122: 856, 1977
- comparison of a vasoconstrictor and a vasodilator in pharmacovascular angiography of bone and soft-tissue tumors, Ekelund, Leif; Laurin, Sven; Lunderquist, Anders, 122: 95, 1977
- hypophosphatemic osteomalacia secondary to vascular tumors of bone and soft tissue (ab), Renton, P.; Shaw, D. G., 122: 857, 1977
- juvenile aponeurotic fibroma: review and report of a case with osseous involvement, Krasick, David; O'Hara, A. Edward, 123: 725, 1977
- pilomatricoma (calcifying epithelioma of Malherbe): radiographic features, Haller, Jack O.; Kassner, E. George; Ostrowitz, Arthur; Kottmeier, Peter K.; Pertschuk, Louis P., 123: 151, 1977
- preoperative evaluation of liposarcoma by nuclear imaging (ab), Pearlman, Alexander W., 125: 288, 1977
- Soft tissues, radiography**  
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- Soft tissues, radionuclide studies**  
demonstration of long-standing metastatic soft tissue calcification by  $^{99m}\text{Tc}$  diphosphonate (AJR), Epstein, David A.; Solar, Mladen; Levin, Emanuel J., 128: 145, 1977
- quantitative assessment of para-oste-arthropathy and its maturation on serial radionuclide bone images, Tanaka, Toshiyuki; Rossier, Alain B.; Hussey, Robert W.; Ahnberg, Donald S.; Treves, Salvador, 123: 217, 1977
- Soft tissues, ultrasound studies**  
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- Special reports**  
See Editorials
- Speech**  
Towne projection for evaluation of the velopharyngeal sphincter, Quattromani, Frank L.; Benton, Corning; Cotton, Robin T., 125: 540, 1977
- Sphenoid bone**  
benign pituitary adenoma associated with hyperostosis of the sphenoid bone and monocular blindness: case report (ab), Milas, Robert W.; Sugar, Oscar; Dobben, Glen, 125: 851, 1977
- cerebrospinal fluid rhinorrhea via the fossa of Rosenmuller (ab), Jaffe, Burton; Welch, Keasley; Strand, Roy; Treves, Salvador, 125: 856, 1977
- sphenothmoidal mucocoele: radiographic diagnosis (AJR), Roberson, Glenn H.; Patterson, Arthur K.; Deeb, Mohamed El; Maisel, Robert H.; Bone, Robert C., 127: 595, 1976
- Sphenoid bone, fractures**  
uncommon sphenoidal fractures and their sequelae, Archer, Carol R.; Sundaram, Murali, 122: 157, 1977
- Sphenoid sinus**  
pneumosis dilataens: sign closely related to meningioma of the planum sphenoidale (ab), Leonardi, M.; Fabris, G., 124: 854, 1977
- uncommon sphenoidal fractures and their sequelae, Archer, Carol R.; Sundaram, Murali, 122: 157, 1977
- Sphincter muscles, Oddi's**  
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**Spina bifida**

- developmental abnormalities of the cervical spine below the axis (RCNA), Dolan, Kenneth D., 15: 167, 1977
- early antenatal diagnosis of spina bifida in a twin fetus by ultrasonic examination and alpha-fetoprotein estimation (ab), Campbell, Stuart; Grundy, Michael; Singer, Jack D., 124: 578, 1977
- lacunar skull deformity and intelligence (ab), Fishman, Marvin A.; Palkes, Helen S.; Shackelford, Gary D.; McAlister, William H., 124: 853, 1977
- mesencephalic spur (beaking deformity of the tectum) in Arnold Chiari malformation (ab), Adeboye, Adelola, 124: 269, 1977
- midline hamartomas masquerading as meningomyeloceles or teratomas in the newborn infant (ab), Tibbs, P. A.; James, H. E.; Rorke, L. B.; Schut, L.; Bruce, D. A., 124: 570, 1977

**Spinal cord**

- See also Arachnoid; Meninges
- central canal of the spinal cord in experimental hydrocephalus: preliminary results, James, Jr., A. Everette; Novak, Gary N.; Strecker, Ernst-Peter; Flor, William J., 125: 417, 1977
- clinical radioisotope investigations in hydrosyringomyelia and myelodysplasia (ab), Hall, Peter V.; Kalsbeck, John E.; Wellman, Henry N.; Batnitzky, Solomon; Campbell, Robert L.; Lewis, Sidney, 123: 260, 1977

**Spinal cord, abnormalities**

- cauda equina syndrome in ankylosing spondylitis: report of six cases (ab), Hassan, I., 125: 856, 1977
- computed tomography of spinal cord arteriovenous malformations, Di Chiro, Giovanni; Doppman, John L.; Wener, Louis, 123: 351, 1977
- microsurgery of Arnold-Chiari malformation in adults with and without hydromyelia (ab), Rhoton, Albert L., 124: 279, 1977
- occult spinal dysraphism in the geriatric patient, Sostrin, Robert D.; Thompson, Joseph R.; Rouhe, Stanley A.; Hasso, Anton N., 125: 165, 1977

**Spinal cord, atrophy**

- familial progressive bulbar and spinal muscular atrophy: juvenile onset and late morbidity with ragged-red fibers (ab), Dobkin, Bruce H.; Verity, M. Anthony, 122: 858, 1977

**Spinal cord, blood supply**

- review of the effect of spinal cord trauma on the vessels and blood flow in the spinal cord (ab), Sandler, Alan N.; Tator, Charles H., 125: 571, 1977
- spinal cord vascularity: III. spinal cord arteries in man (ab), Tveten, Leon, 123: 540, 1977

**Spinal cord, calcification**

- extensive central nervous system calcification in a stillborn male infant due to cytomegalovirus infection (AJR), Marquis, James R.; Lee, Jung K., 127: 665, 1976

**Spinal cord, cervical**

- expanding lesions of the cervical spinal canal (RCNA), Dolan, Kenneth D., 15: 203, 1977

**Spinal cord, compression**

- cervical spinal stenosis (RCNA), Epstein, Bernard S.; Epstein, Joseph A.; Jones, Malcolm D., 15: 215, 1977
- myelographic features of mucopolysaccharidoses: new sign, Sostrin, Robert D.; Hasso, Anton N.; Peterson, Donald I.; Thompson, Joseph R., 125: 421, 1977

- primary hyperparathyroidism presenting with acute paraplegia (AJR), Sudaram, Murali; Scholz, Carl, 128: 674, 1977

- spinal cord compression and hematoma: unusual complication in a hemophilic infant (AJR), Cromwell, Laurence D.; Kerber, Charles; Ferry, Peggy C., 128: 847, 1977

- spinal cord compression in malignant lymphoma: treatment and results (ab), Friedman, Moshe; Kim, T. H.; Panahon, Alvin M., 122: 863, 1977

**Spinal cord, diseases**

- schistosomiasis of the spinal cord (ab), Lechtenberg, Richard; Vaida, George A., 125: 856, 1977

**Spinal cord, effects of drugs on**

- effect of isotonic contrast agents on spinal reflexes in the cat, Hilal, Sadek K.; Dauth, George W.; Burger, Loren C.; Gilman, Sid, 122: 149, 1977

**Spinal cord, hemorrhage**

- spinal cord compression and hematoma: unusual complication in a hemophilic

- infant (AJR), Cromwell, Laurence D.; Kerber, Charles; Ferry, Peggy C., 128: 847, 1977

**Spinal cord, neoplasms**

- autonomic dysreflexia in patients with spinal cord lesions: complications of voiding cystourethrography and ileal loopography (ab), Barbaric, Zoran L., 123: 828, 1977
- expanding lesions of the cervical spinal canal (RCNA), Dolan, Kenneth D., 15: 203, 1977
- hemangioblastoma of the spinal cord: review and report of five cases (ab), Browne, Thomas R.; Adams, Raymond D.; Roberson, Glenn H., 123: 255, 1977
- rapid arteriovenous shunting in a spinal cord ependymoma: case report (ab), Yuhl, Eric T.; Bentson, John R., 122: 281, 1977
- uptake of <sup>131</sup>I by a papillary meningioma (AJR), Preisman, Robert A.; Halpern, Samuel E.; Shishido, Ralph; Waltz, Thomas; Callipari, Frank; Reit, Russell, 129: 349, 1977

**Spinal cord, radiography**

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**Spinal cord, stenosis**

- lumbar spinal stenosis (RCNA), Epstein, Bernard S.; Epstein, Joseph A.; Jones, Malcolm D., 15: 227, 1977

**Spinal cord, wounds and injuries**

- autonomic dysreflexia: unusual radiologic complication, Fleischman, Scott; Shah, Pares, 124: 695, 1977
- pathophysiology of spinal cord injury (RCNA), Eidelberg, Eduardo, 15: 241, 1977
- positive and negative contrast myelography in spinal trauma, Pay, Norman T.; George, Ajax E.; Benjamin, M. Vallo; Bergeron, R. Thomas; Lin, Joseph P.; Kricheff, Irvin I., 123: 103, 1977
- review of the effect of spinal cord trauma on the vessels and blood flow in the spinal cord (ab), Sandler, Alan N.; Tator, Charles H., 125: 571, 1977
- syringomyelia secondary to paraplegia due to fractures of the thoracic spine (ab), Scher, A. T., 124: 857, 1977
- unilateral locked facet in cervical spine injuries (AJR), Scher, A. T., 129: 45, 1977

**Spine**

- See also Atlas and axis; Sacroiliac joint; Spinal cord
- analysis of gas in vacuum lumbar disc (AJR), Ford, Lee T.; Gilula, Louis A.; Murphy, William A.; Gado, Mokhtar, 128: 1056, 1977
- radiological aspects of the vertebral components of osteochondrodysplasias (ab), Schorr, S.; Legum, C., 125: 855, 1977
- spine, radiological text and atlas (bk rev), Epstein, Bernard S., Reviewed by Kaye, Jeremy J., 125: 668, 1977
- unilateral hypertrophy of multiple pedicles (AJR), Hart, Kelly Z.; Brower, Anne C., 129: 739, 1977

**Spine, abnormalities**

- absent arch and hypoplastic pedicle: another confusing cervical spine anomaly (AJR), Kirchmeyer, Nancy A.; Sarwar, Mohammad, 129: 154, 1977
- anomalies of craniocervical border (ab), Shapiro, Robert; Robinson, Franklin, 123: 826, 1977
- "cervical gigantism"—increased height and discontinuous ossification of cervical vertebral bodies, forme fruste of cervical polyspondyly (ab), Wackenheim, A., 124: 278, 1977
- cervical spinal stenosis (RCNA), Epstein, Bernard S.; Epstein, Joseph A.; Jones, Malcolm D., 15: 215, 1977
- cervical spine abnormalities associated with congenital thoracic or lumbar scoliosis (ab), Decking, D.; Heine, J., 124: 277, 1977
- computed tomography of the lower lumbar vertebral column: normal anatomy and the stenotic canal, Sheldon, Jerome J.; Sersland, Tom; Leborgne, Juan, 124: 113, 1977
- developmental abnormalities of the cervical spine below the axis (RCNA), Dolan, Kenneth D., 15: 167, 1977
- double diastematomyelia, McClelland, Robert R.; Marsh, Donald G., 123: 378, 1977
- Dyggve-Melchior-Clausen syndrome (AJR), Schorr, S.; Legum, C.; Ochshorn, M.; Hirsch, M.; Moses, S.; Lasch, E. E.; El-Masri, M., 128: 107, 1977
- intervertebral disk calcification associated with spine fusion, Dussault, Robert G.; Kaye, Jeremy J., 125: 57, 1977
- osteodysplasia (Melnick-Needles syndrome), Moadel, Ebrahim; Bryk, David, 123: 154, 1977
- position of the superior articular process of the cervical spine: its relationship to cervical

- spondylotic radiculopathy, Hayashi, Koichiro; Tabuchi, Kenichi; Yabuki, Takeshi; Kurokawa, Takahide; Seki, Hiroyuki, 124: 501, 1977

- vertebral end-plate depression: report of two patients without hemoglobinopathy (AJR), Rohlfing, Barbara M., 128: 599, 1977

**Spine, anatomy**

- anterior displacement of C<sub>2</sub> in children: physiologic or pathologic? helpful differentiating line, Swischuk, Leonard E., 122: 759, 1977
- cervicobasilar relationships (RCNA), Dolan, Kenneth D., 15: 155, 1977
- position of the superior articular process of the cervical spine: its relationship to cervical spondylotic radiculopathy, Hayashi, Koichiro; Tabuchi, Kenichi; Yabuki, Takeshi; Kurokawa, Takahide; Seki, Hiroyuki, 124: 501, 1977
- radiologic study of the normal spine: cervical, thoracic, lumbar, and sacral (RCNA), Christenson, Peter C., 15: 133, 1977
- visualization of the posterolateral elements of the lumbar vertebrae in the anteroposterior projection, Abel, Martin S.; Smith, Gerald R., 122: 824, 1977

**Spine, ankylosis, arthritis**

- cauda equina syndrome in ankylosing spondylitis: report of six cases (ab), Hassan, I., 125: 856, 1977
- comparison of radiographic abnormalities of the sacroiliac joint in degenerative disease and ankylosing spondylitis (AJR), Resnick, Donald; Niwayama, Gen; Goergen, Thomas G., 128: 189, 1977
- differential diagnosis of inflammatory spondylitis (ab), Patton, J. T., 124: 571, 1977
- intervertebral disk calcification associated with spine fusion, Dussault, Robert G.; Kaye, Jeremy J., 125: 57, 1977
- juvenile ankylosing spondylitis, Kleinman, Paul; Rivelis, Marcos; Schneider, Robert; Kaye, Jeremy J., 125: 775, 1977
- occult spinal dysraphism in the geriatric patient, Sostrin, Robert D.; Thompson, Joseph R.; Rouhe, Stanley A.; Hasso, Anton N., 125: 165, 1977

- on the nature and significance of bony proliferation in "rheumatoid variant" disorders (AJR), Resnick, Donald; Niwayama, Gen, 129: 275, 1977
- orthopantomography of the cervical spine, Furuse, Makoto; Saito, Kuzuhiko; Shibuya, Koji; Watanabe, Taro; Ohsawa, Tadashi; Saito, Tetsuo, 124: 517, 1977
- reactive sclerosis of a pedicle and spondylolysis in the lumbar spine (ab), Sherman, Frederick C.; Wilkinson, Robert H.; Hall, John E., 124: 571, 1977

**Spine, computed tomography**

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**Spine, curvature**

- cervical spine abnormalities associated with congenital thoracic or lumbar scoliosis (ab), Decking, D.; Heine, J., 124: 277, 1977
- sigmoid cervical spine (ab), Wackenheim, A., 124: 277, 1977

**Spine, diseases**

- ascending lumbar venography in lumbar disc disease (ab), O'Dell, Jr., Charles W.; Coel, Marc N.; Ignelzi, Ronald J., 125: 281, 1977
- comparison of radiographic abnormalities of the sacroiliac joint in degenerative disease and ankylosing spondylitis (AJR), Resnick, Donald; Niwayama, Gen; Goergen, Thomas G., 128: 189, 1977
- epidural venography in the diagnosis of lumbar disc disease (ab), Kistler, M. W.; Pribram, Henry W., 122: 566, 1977
- radionuclide bone scanning in diseases of the spine (RCNA), Patton, Dennis D.; Woolfenden, James M., 15: 177, 1977
- vertebral end-plate depression: report of two patients without hemoglobinopathy (AJR), Rohlfing, Barbara M., 128: 599, 1977

**Spine, dislocations**

- backward "displacement" of the spinolaminar line at C<sub>2</sub>: normal variation (AJR), Kattan, Kenneth R., 129: 289, 1977
- degenerative spondylolisthesis with an intact neural arch (RCNA), Epstein, Bernard S.; Epstein, Joseph A.; Jones, Malcolm D., 15: 275, 1977
- lumbar spondylolisthesis with isthmus defects (RCNA), Epstein, Bernard S.; Epstein, Joseph A.; Jones, Malcolm D., 15: 261, 1977
- spondylolisthesis of the axis vertebra (AJR), Gehweiler, Jr., John A.; Martinez, Salustario; Clark, William M.; Miller, Michael D.; Stewart, Jr., Grady C., 128: 682, 1977
- vertebral motion in spondylolisthesis (ab),



- Olsson, T. H.; Selvik, G.; Willner, S., 124: 858, 1977
- widened interspinous distance: useful sign of anterior cervical dislocation in the supine frontal projection, Naidich, James B.; Naidich, Thomas P.; Garfein, Carol; Liebeskind, Arie L.; Hyman, Roger A., 123: 113, 1977
- Spine, effects of irradiation**  
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- Spine, fractures**  
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horizontal fracture of anterior arch of atlas, Stewart, Jr., Grady C.; Gehweiler, Jr., John A.; Laib, Richard H.; Martinez, Salutaris, 122: 349, 1977  
jumpers' fractures: patterns of thoracolumbar spine injuries associated with vertical plunges: review of 38 cases, Smith, Gerald R.; Northrop, Curtis H.; Loop, John W., 122: 657, 1977  
Laminar avulsion in a cervical vertebra (AJR), Cimmino, Christian V.; Scott, III, David W., 129: 57, 1977  
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- Therapeutic radiology, apparatus and equipment**  
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- high energy fast neutrons from the Harwell variable energy cyclotron. I. physical characteristics (AJR), Goodhead, D. T.; Berry, R. J.; Bance, D. A.; Gray, P.; Stedeford, J. B. H., 129: 709, 1977
- high energy fast neutrons from the Harwell variable energy cyclotron. II. biologic studies in mammalian systems (AJR), Berry, R. J.; Bance, D. A.; Barnes, D. W. H.; Cox, R.; Goodhead, D. T.; Sansom, J. M.; Thacker, J., 129: 717, 1977
- initial performance of the Stanford Medical Pion Generator, Pistenna, David A.; Fessenden, P.; Boyd, D. P.; Luxton, G.; Taber, R.; Bagshaw, Malcolm A., 122: 527, 1977
- photographic method of recording radiation fields using the localizer light for illumination, Pantoja, Enrique; Frede, Thomas; Leiminger, Vernon, 123: 801, 1977
- radiographic verification for portals requiring irregularly shaped shields, Stittler, Ronald; Herchko, Martin, 124: 526, 1977
- simple isodose plotter using a rectilinear radioisotope scanner, Walton, Philip W.; Howells, Robert, 122: 258, 1977
- space/injector needle for <sup>125</sup>I and other radioactive sources in permanent seed implants, Scott, Walter P., 122: 832, 1977
- steel trimmer for use with <sup>60</sup>Co tangential fields, Lerch, Irving A.; Newall, Joseph, 125: 246, 1977
- tissue compensation source-to-skin measurement system, Lane, Richard G.; Paliwal, Bhudatt R.; Elliot, Paul F.; Tolbert, Don D., 122: 829, 1977
- use of auxiliary collimating devices in the treatment for breast cancer with <sup>60</sup>Co teletherapy units. II. dose to the skin (AJR), Hanson, William F.; Grant, III, Walter, 127: 653, 1976
- Therapeutic radiology, computer-assisted**  
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- Therapeutic radiology, dosimetry**  
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- effects of varied numbers of dose fractions on the tolerance of normal human skin (ab), Brennan, D.; Young, C. M. A.; Hopewell, J. W.; Wiernik, G., 122: 572, 1977
- use of auxiliary collimating devices in the treatment for breast cancer with <sup>60</sup>Co teletherapy units. I. dosimetric considerations (AJR), Grant, III, Walter; Cundiff, Jackson H.; Hanson, William F., 127: 649, 1976
- Therapeutic radiology, experimental**  
combined use of radioprotective and radiosensitizing drugs in experimental radiotherapy (ab), Yuhas, John M.; Yurconic, Michael; Kligerman, Morton M.; West, Gary; Peterson, Donald F., 124: 864, 1977
- Therapeutic radiology, hyperbaric, hypoxic**  
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- Therapeutic radiology, immunity**  
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- Therapeutic radiology, interstitial and intracavitary**  
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- definitive treatment of carcinoma of the rectum by intracavitary radiation therapy (ab), Jelden, Gwynn L.; Dhaliwal, Ranjit S.; Rodriguez-Antunez, Antonio; Chernak, Edward S.; Turnbull, Rupert; Fazio, Victor; Weakley, Frank, 122: 571, 1977
- destiny of brachytherapy in oncology (AJR), Pierquin, Bernard, 127: 495, 1976
- five years' experience with the gold button technique for intraoral interstitial implants with iridium-192 seeds, Kumar, P. Pradeep; Henschke, Ulrich K., 124: 227, 1977
- improved cervical radium applicator, Ridings, G. Ray, 125: 824, 1977
- interstitial radiation in the treatment of carcinoma of the tonsillar region (AJR), Beiler, David D., 128: 1031, 1977
- local prognosis after combined external and interstitial radiation therapy for carcinoma of the tongue (ab), Inoue, T.; Fuchihata, H.; Wada, T.; Shigematsu, Y., 124: 862, 1977
- method for localizing and calculating vaginal dose in brachytherapy, Maruyama, Yosh; Van Nagell, John R.; Martin, Ann; Coffey, II, Charles; Schroeder, Kathy; Tai, Douglas; Yoneda, Justine; Krolikiewicz, Helena, 124: 507, 1977
- persistent carcinoma of the oropharynx and oral cavity re-treated by after-loading interstitial <sup>192</sup>Ir implant (ab), Syed, A. M. Nisar; Feder, Bernard H.; George, III, F. W., 125: 861, 1977
- role of interstitial therapy in present day radiotherapy (AJR), Bloedorn, Fernando G.; Munzenrider, John E.; Tak, Won K.; Rene, Juan B., 128: 291, 1977
- space/injector needle for <sup>125</sup>I and other radioactive sources in permanent seed implants, Scott, Walter P., 122: 832, 1977
- surgical radiation therapy with vircyl-<sup>125</sup>I absorbable sutures (ab), Scott, W. P., 122: 863, 1977
- treatment of connective tissue sarcomas by local excision followed by radioactive implant (ab), Collins, J. E.; Paine, C. H.; Ellis, F., 122: 572, 1977
- Therapeutic radiology, postoperative**  
radical partial renal irradiation: alternative to partial nephrectomy in bilateral Wilms' tumor (ab), Richards, Marcia J. S.; Miller, Robert C.; Joo, Patricia, 123: 834, 1977
- role of radiation therapy in medullary carcinoma of thyroid, Steinfeld, Alan D., 123: 745, 1977
- role of radiation therapy in the treatment of germinal cell tumors of the testis other than pure seminoma, Hussey, David H.; Luk, Kenneth H.; Johnson, Douglas E., 123: 175, 1977
- Therapeutic radiology, preoperative**  
combined therapy of osteosarcoma: preoperative irradiation, surgery, and chemotherapy, Munzenrider, John E.; Emami, Bahman; Tchankarova, Ivanka; Necheles, Thomas F.; Banks, Henry H.; Paradelo, Jorge C.; Oh, Won H., 125: 497, 1977
- preoperative radiation therapy for carcinoma of esophagus (ab), Marks, Jr., Richard D.; Scruggs, Hugh J.; Wallace, Keene M., 123: 544, 1977
- role of radiation therapy in the treatment of germinal cell tumors of the testis other than pure seminoma, Hussey, David H.; Luk, Kenneth H.; Johnson, Douglas E., 123: 175, 1977
- Therapeutic radiology, technique**  
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- en-bloc irradiation of tumours of the head and neck and their lymphatics. I. technique and dosimetry (ab), Landberg, Trosten; Svahn-Tapper, Gudrun, 123: 543, 1977



- five years' experience with the gold button technique for intraoral interstitial implants with iridium-192 seeds, Kumar, P. Pradeep; Henschke, Ulrich K., 124: 227, 1977
- genetic effects of acute and chronic irradiation with 14 MeV neutrons: I. genetic aspects (ab), Luning, K.-G.; Ronnback, C.; Sheridan, W., 122: 576, 1977
- genetic effects of acute and chronic irradiation with 14 MeV neutrons: II. technique of neutron irradiation (ab), Holmberg, M., 122: 576, 1977
- radiographic verification for portals requiring irregularly shaped shields, Stiteler, Ronald; Herchko, Martin, 124: 526, 1977
- upper extremity lymphangiography in the radiation therapy of lymphomas and carcinoma of the breast, Weisenburger, Thomas H.; Juillard, Guy J. F., 122: 227, 1977
- Therapeutic radiology, treatment planning**  
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- Thermography**  
cancer in the "cold" breast thermogram (AJR), Isard, Harold J., 127: 793, 1976
- effect of evaporative surface cooling on thermographic assessment of burn depth, Anselmo, Victor J.; Zawacki, Bruce E., 123: 331, 1977
- present status of thermography, ultrasound and mammography in breast cancer detection (ab), Dodd, Gerald D., 125: 565, 1977
- scrotal thermography, Gold, Richard H.; Ehrlich, Richard M.; Samuels, Barry; Dowdy, Andrew; Young, Roy T., 122: 129, 1977
- thermographic, radionuclide, and radiographic detection of bone metastases: prospective comparison, Freundlich, Irwin M.; O'Mara, Robert; Pitt, Michael J., 122: 665, 1977
- thermography, mammography, and clinical examination in breast cancer screening: review of 16,000 studies, Feig, Stephen A.; Shaher, Gary S.; Schwartz, Gordon F.; Libshitz, Herman I.; Edeiken, Jack; Nerlinger, Rudolph; Curley, Robert F.; Wallace, John D.; Patchefsky, Arthur S., 122: 123, 1977
- training in mammography, xeromammography, and thermography, 122: 694, 1977
- Thorax**  
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- Fleischner Society: 8th annual symposium on the chest (La Jolla, Calif.), 124: 598, 1977
- radiographic appearance of the chest after pleural space reduction procedures: construction of a pleural tent and phrenoplasty (AJR), Goodman, Philip C.; Minagi, Hideyo; Thomas, Arthur N., 129: 229, 1977
- Thorax, abnormalities**  
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- short rib-polydactyly syndrome type 3, Naumoff, Peter; Young, Lionel W.; Mazer, Julius; Amortegui, Antonio J., 122: 443, 1977
- Thorax, computed tomography**  
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- Thorax, diseases**  
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- Thorax, neoplasms**  
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- cervical neurogenic tumors presenting as thoracic apical masses in infants and children (ab), Riggs, Jr., Webster; Benton, C.; Wood, Beverly P., 125: 566, 1977
- <sup>57</sup>Co labeled bleomycin in the scintigraphic diagnosis of malignant tumors in the thorax (ab), Lucot, H.; Blasco, A.; Bollinelli, R.; Boneu, A.; Bru, A.; Combes, P. F.; Vigoni, A., 122: 865, 1977
- effect of size and position on chest lesion detection (AJR), Kelsey, Charles A.; Moseley, R. D.; Brogdon, Byron G.; Bhawe, Dattatraya G.; Hallberg, J., 129: 205, 1977
- intrathoracic desmoid tumor of the chest wall (AJR), Klein, David L.; Gamsu, Gordon; Gant, Thomas D., 129: 524, 1977
- pleural coil of parietal lesions: new sign of the extrapleural syndrome (ab), Hemy, J.; Mabilbe, J. P., 125: 853, 1977
- renal choriocarcinoma metastasis: vascular lesion (AJR), Kutcher, Rosalyn; Lu, Therese; Gordon, David H.; Becker, Joshua A., 128: 1046, 1977
- Thorax, radiography**  
differences between right and left lateral chest radiographs (AJR), Riggs, Jr., Webster; Parvey, Louis, 127: 997, 1976
- effect of kilovoltage on detectability of pulmonary nodules in a chest phantom (AJR), Christensen, Edward E.; Dietz, Gerald W.; Murry, Robert C.; Moore, John G.; Stokely, Ernest M., 128: 789, 1977
- Thorax, ultrasound studies**  
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- Thorax, wounds and injuries**  
major thoracic dehiscence: radiographic considerations, Ziter, Jr., Fred M. H., 122: 587, 1977
- new radiographic sign of acute traumatic rupture of the thoracic aorta: displacement of the nasogastric tube to the right, Tisnado, Jaime; Tsai, Fong Y.; Ais, Ann; Roach, John F., 125: 603, 1977
- pulmonary vein avulsion (AJR), Gouliamos, Athanasios D.; Johnsrude, Irwin S.; Jackson, Donald C., 129: 331, 1977
- radiographic appearance of traumatic pneumothorax: pathogenesis and course (ab), Erbe, W.; Buchwald, K.-P.; Bucheler, E., 122: 277, 1977
- Thorium**  
fourteen-year remission of acute leukemia in a patient exposed to Thorotrast (ab), Mabry, James; Gralnick, Harvey; Carbone, Paul P., 123: 548, 1977
- Hodgkin's disease following thorium dioxide angiography (ab), Gotlieb, Avrum I.; Kirk, Mary Ellen; Hutchison, J. L., 123: 548, 1977
- Thorotrast**  
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- Thromboangiitis, obliterans**  
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- Thrombocytopenia**  
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- Thromboembolism**  
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- Thrombophlebitis**  
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- 105 mm camera as a supplement to nuclear venography, Buss, William C., 122: 536, 1977
- Thrombosis**  
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- Doppler ultrasonic screening prior to venography for deep venous thrombosis (AJR), Jaques, Paul F.; Richey, William A.; Ely, Cindy A.; Johnson, Jr., George, 129: 451, 1977
- fibrinogen uptake test for detection of deep vein thrombosis—review of current practice (SNM), Kakkak, V. V., 12: 229, 1977
- iodine-123-fibrinogen scintigraphy (SNM), DeNardo, Sally J.; DeNardo, Gerald L., 12: 245, 1977
- labeled albumin aggregates for detection of clots (SNM), Webber, Milo M., 12: 253, 1977
- problem of thromboembolic disease (SNM), Sherry, Sol, 12: 205, 1977
- radionuclide venography: its place as a modality for the investigation of thromboembolic phenomena (SNM), Hayt, David B.; Blatt, Charles J.; Freeman, Leonard M., 12: 263, 1977
- radiopharmaceuticals for thrombus detection: selection preparation, and critical evaluation (SNM), Krohn, Kenneth A.; Knight, Linda C., 12: 219, 1977
- thrombosis detection by ultrasound, plethysmography, and phlebography (SNM), Strandness, Jr., D. E., 12: 213, 1977
- Thrombosis, cardiac**  
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- Thrombosis, experimental**  
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- Thrombosis, hepatic vein**  
angiographic abnormalities in partial Budd-Chiari syndrome, Maguire, Roderick; Doppman, John L., 122: 629, 1977
- renal cell carcinoma presenting as the Budd-Chiari syndrome (AJR), Okulski, Thomas A.; Soulen, Renate L., 128: 140, 1977
- Thrombosis, renal vein**  
glomerulonephritis and nephrotic syndrome complicated by renal vein thrombosis and pulmonary emboli: report of two cases (AJR), Kutcher, Rosalyn; Cohen, Jeffrey R.; Gordon, David H., 128: 447, 1977
- radiological manifestations of neonatal renal vein thrombosis on follow-up examinations, Sutton, Tudor J.; Leblanc, Antoine; Gauthier, Noelle; Hassan, Max, 122: 435, 1977
- Thrombosis, ultrasound diagnosis**  
accuracy of Doppler ultrasound in clinically suspected venous thrombosis of the calf (ab), Barnes, Robert W.; Russell, Henry E.; Wu, Kenneth K.; Hoak, John C., 124: 577, 1977
- Thrombosis, venous**  
assessment of conventional criteria for the early diagnosis of thrombophlebitis with the <sup>125</sup>I-fibrinogen uptake test, DeNardo, Gerald L.; DeNardo, Sally J.; Barnett, Charles A.; Newcomer, Kurt A.; Jansholt, Anne-Line; Caretta, Robert F.; Rose, Angela W., 125: 765, 1977
- differentiation of superficial thrombophlebitis from lymphangitis by Doppler ultrasound (ab), Barnes, Robert W.; Wu, Kenneth K.; Hoak, John C., 125: 860, 1977
- healing of deep venous thrombosis: venographic findings in a randomized study comparing streptokinase and heparin (AJR), Rosch, Josef; Dotter, Charles T.; Seaman, Arthur J.; Porter, John M.; Common, Herbert H., 127: 553, 1976
- impedance plethysmography: correlation with contrast venography, Benedict, Jr., Karl T.; Wheeler, H. Brownell; Patwardhan, Nilima A., 125: 695, 1977
- localization of fresh experimental venous thrombi in rabbits using <sup>99m</sup>Tc-oxine-labeled autologous platelets, Wistow, Brian W.; Grossman, Zachary D.; Subramanian, Gopal; McAfee, John G., 123: 787, 1977
- measurement of pedal venous pressure: screening procedure in the detection of deep-vein thrombosis and occlusion, Gerlock, Jr., Amil James, 122: 673, 1977
- parenchymal striations in renal vein thrombosis: arteriographic demonstration (AJR), Wicks, Jeffrey D.; Bigongiari, Lawrence R.; Foley, W. Dennis; Walter, Joseph F., 129: 95, 1977
- radionuclide venography in the diagnosis of deep vein thrombosis, Ennis, Joseph T.; Elmes, Roger J., 125: 441, 1977
- Thumb**  
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- Thymoma**  
angiographic appearance of thymic tumors, Gothlin, Jan; Jonsson, Kjell; Lunderquist, Anders; Rausing, Alf; Auburger, Leopoldo Martin, 124: 47, 1977
- Thymus, abnormalities**  
dysontogenic accessory lobe of the thymus: new clinical entity? (ab), Kabelka, M.; Sintakova, B.; Zitkova, M., 124: 566, 1977
- Thymus, effects of irradiation**  
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- Thymus, hypertrophy**  
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- Thyroid**  
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- Thyroid, cysts**  
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- Thyroid, diseases**  
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- Thyroid, effects of irradiation**  
subsequent fertility and birth histories of children and adolescents treated with <sup>131</sup>I for thyroid cancer (ab), Sarkar, Salil D.; Beierwaltes, William H.; Gill, Satinder P.; Cowley, Betty J., 122: 572, 1977

- thyroid cancer following scalp irradiation, Modan, Baruch; Ron, Elaine; Werner, Abraham, 123: 741, 1977
- thyroid disease following irradiation for benign conditions (ab), Swelstad, Jack; Scanlon, Edward F.; Murphy, E. Dennis; Graces, Raphael; Khandekar, Janardan D., 124: 866, 1977
- Thyroid, hyperthyroidism**  
thyroid storm after cardiac angiography with iodinated contrast medium: occurrence in a patient with a previously euthyroid autonomous nodule of the thyroid (ab), Blum, Manfred; Kranjac, Thomas; Park, Constance M.; Engleman, Richard M., 122: 560, 1977
- Thyroid, hypothyroidism**  
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- Thyroid, inflammation**  
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- Thyroid, neoplasms**  
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quantitative estimation of  $^{67}\text{Ga}$  citrate in hypofunctioning thyroid nodules, Soin, Jagmeet S., 122: 243, 1977  
quantitative external counting techniques enabling improved diagnostic and therapeutic decisions in patients with well-differentiated thyroid cancer, Thomas, Stephen R.; Maxon, Harry R.; Kereiakes, James G.; Saenger, Eugene L., 122: 731, 1977  
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role of radiation therapy in medullary carcinoma of thyroid, Steinfeld, Alan D., 123: 745, 1977  
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thyroid cancer following scalp irradiation, Modan, Baruch; Ron, Elaine; Werner, Abraham, 123: 741, 1977  
thyroid cancer occurring as a late consequence of head-and-neck irradiation: evaluation of 1056 patients (ab), Favus, Murray J.; Schneider, Arthur B.; Stachura, Max E.; Arnold, John E.; Ryo, U. Yun; Pinsky, Steven M.; Colman, Martin; Arnold, Margaret J.; Frohman, Lawrence A., 122: 575, 1977  
xeroradiographic studies in 150 patients with solitary scintigraphically nonfunctioning nodules of the thyroid gland, Reichelt, Heribert G.; Brase, Alfons; Hundeshagen, Heinz; S. Stender, Hans, 125: 689, 1977
- Thyroid, radionuclide studies**  
effect of tin on the tissue distribution of  $^{99m}\text{Tc}$ -sodium pertechnetate, Ancrì, Daniel; Lonchamp, Marie-France; Basset, Jean-Yves, 124: 445, 1977  
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quantitative estimation of  $^{67}\text{Ga}$  citrate in hypofunctioning thyroid nodules, Soin, Jagmeet S., 122: 243, 1977  
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thyroid  $^{99m}\text{Tc}$ -pertechnetate uptake: simple and accurate (ab), Berens, Sanford V.; Long, Robert F.; Caplan, Gerald E.; Goodgame, James, 124: 287, 1977  
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- Thyroid, ultrasound**  
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- Tibia**  
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- Tibia, abnormalities**  
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- Tibia, fractures**  
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- Tin**  
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- Tin, radioactive**  
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- Tolazoline**  
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- Tolosa-Hunt syndrome**  
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symposium on polytomography of the temporal bone (16th) (Indianapolis, Ind.), 122: 356, 1977  
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- Tomography, angiotomography**  
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thoraco-abdominal angiotomography: study of 280 cases (ab), Lamarque, J. L.; Senac, J. P.; Bruel, J. M.; Tolza, A., 124: 282, 1977
- Tomography, apparatus and equipment**  
instability of the subalar joint: diagnosis by stress tomography in three cases (ab), Brantigan, J. W.; Pedegana, L. R.; Lippert, F. G., 125: 283, 1977  
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- Tomography, indications**  
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- Tomography, technique**  
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- Tongue, neoplasms**  
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- Tonsils, neoplasms**  
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- Toxoplasmosis**  
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- Trachea**  
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- Trachea, intubation**  
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- Trachea, neoplasms**  
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- Trachea, radionuclide studies**  
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- Trachea, stenosis**  
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- Trachea, therapeutic radiology**  
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- Transillumination**  
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- Transposition of great vessels**  
echocardiographic localization of interatrial baffle after mustard operation for dextrotransposition of the great arteries (ab), Aziz, Kalim U.; Paul, Milton H.; Muster, Alexander J., 122: 569, 1977
- Trauma**  
pneumoperitoneum without gastrointestinal perforation in trauma (ab), Koltai, I.; Tschikof, R., 124: 569, 1977  
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- Treatment planning**  
cassette holder for therapy portal radiographs, Paliwal, Bhudatt R.; Lane, Richard G., 122: 539, 1977  
comparison of computed tomography and

- conventional transverse axial tomography in radiotherapy treatment planning, Sternick, Edward S.; Lane, Frank W.; Curran, Bruce, 124: 835, 1977
- computer-aided medical decision making in radiotherapy, Conklin, Jeffrey; Munzenrider, John; Neurath, Peter W.; Ross, Winifred M., 123: 441, 1977
- electron therapy of intraorbital tumors, Israelsson, Anders; Lax, Ingmar; Walstam, Rune, 124: 489, 1977
- factors affecting the use of quantitative information from a CT scanner, McCullough, Edwin C., 124: 99, 1977
- field separation in radiation therapy with opposing fields, Bianciardi, Luciano; Breschi, Roberta; Chiaradia, Pietro; Josi, Alessandra; Villa, Paolo, 122: 493, 1977
- further progress in CT scanning and computerized radiation therapy treatment planning (ab), Jelden, Gwynn L.; Chernak, Edward S.; Rodriguez-Antunez, Antonio; Haaga, John R.; Lavik, Paul S.; Dhaliwal, Ranjit S., 123: 830, 1977
- implications of computed tomography for inhomogeneity corrections in photon beam dose calculations, Sontag, Marc R.; Battista, J. J.; Bronskill, M. J.; Cunningham, J. R., 124: 143, 1977
- improved computer model for <sup>60</sup>Co dose distributions, White, R. Allen; Thames, Jr., Howard D., 124: 840, 1977
- influence of bone on 45 MV photon dose distributions, McLaren, John R.; Kirchner, Arthur B.; McGinley, Patton H., 125: 817, 1977
- lymphography in the staging, treatment planning, and surveillance of ovarian dysgerminomas (AJR), Markovits, Paul; Bergiron, Charles; Chauvel, Chantel; Castellino, Ronald A., 128: 835, 1977
- method for localizing and calculating vaginal dose in brachytherapy, Maruyama, Yosh; Van Nagell, John R.; Martin, Ann; Coffey, II, Charles; Schroeder, Kathy; Tai, Douglas; Yoneda, Justine; Krolkiewicz, Helena, 124: 507, 1977
- new dimensions in computed tomography, Jelden, Gwynn L.; Sufka, Bruno; Arnold, Jeff; Rodriguez-Antunez, Antonio; Doering, Edmond; Lavik, Paul S.; Turnbull, Rupert, 123: 213, 1977
- physical aspects of electron-beam arc therapy, Khan, Faiz M.; Fullerton, Gary D.; Lee, Joseph M.-F.; Moore, Vaughan C.; Levitt, Seymour H., 124: 497, 1977
- pseudoblocks and portal localization, Korba, Alvin; Zivnuskas, Fred R.; Purdy, James A.; Sorensen, Arnold; Powers, William E., 122: 260, 1977
- role of computed tomography in the management of cancer of the larynx, Mancuso, Anthony A.; Hanafee, William N.; Juillard, Guy J. F.; Winter, James; Calcaterra, Thomas C., 124: 243, 1977
- simple isodose plotter using a rectilinear radioisotope scanner, Walton, Philip W.; Howells, Robert, 122: 258, 1977
- symposium on treatment planning (Cincinnati, Ohio), 123: 752, 1977
- tissue compensation source-to-skin measurement system, Lane, Richard G.; Paliwal, Bhudatt R.; Elliot, Paul F.; Tolbert, Don D., 122: 829, 1977
- upper extremity lymphangiography in the radiation therapy of lymphomas and carcinoma of the breast, Weisenburger, Thomas H.; Juillard, Guy J. F., 122: 227, 1977
- use of CT scanners in megavoltage photon-beam therapy planning, Geise, Richard A.; McCullough, Edwin C., 124: 133, 1977
- use of photogrammetry in tissue compensator design: part I: photogrammetric determination of patient topography, Renner, Wendel Dean; O'Connor, Thomas P.; Amtey, Sharad R.; Reddi, P. Raghunath; Bahr, Gustave K.; Kereiakes, James G., 125: 505, 1977
- use of photogrammetry in tissue compensator design: part II: experimental verification of compensator design, Renner, Wendel Dean; O'Connor, Thomas P.; Amtey, Sharad R.; Reddi, P. Raghunath; Bahr, Gustave K.; Kereiakes, James G., 125: 511, 1977
- Trichlorinophalangeal syndrome**  
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- Tricuspid valve, diseases**  
echocardiographic evaluation of tricuspid valve endocarditis: M mode and two dimensional study (ab), Kisslo, Joseph A.; Von Ramm, Olaf T.; Haney, Robyn; Jones, Robert; Juk, S. Stanley; Behar, Victor S., 122: 862, 1977
- Tricuspid valve, insufficiency**  
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- massive cardiomegaly in the newborn (ab), Kachaner, J.; Nouaille, J. M.; Batisse, A., 125: 567, 1977
- Tricuspid valve, ultrasound**  
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- Trisomy syndromes**  
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radiologic manifestations of *Taenia saginata* infestation (AJR), Gold, Burton M.; Meyers, Morton A., 128: 493, 1977
- Trout, E. Dale**  
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- Tuberculosis**  
radiologic aspects of BCG-osteomyelitis in infants and children (ab), Mortenson, W.; Eklof, O.; Jorulf, H., 124: 858, 1977
- Tuberculosis, cranial**  
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- Tuberculosis, pulmonary**  
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- laryngeal tuberculosis (AJR), Lindell, Jr., Marvin M.; Jing, Bao-Shan; Wallace, Sidney, 129: 677, 1977
- lymphographical findings in disseminated tuberculosis without radiological lung manifestations (ab), Rauste, J.; Lahdensuo, A.; Suramo, I., 122: 562, 1977
- monitoring patients with tuberculosis for failure during and after treatment (ab), Albert, Richard J.; Iseman, Michael; Sbarbaro, John A.; Stage, Allan; Pierson, David J., 123: 822, 1977
- Tuberous sclerosis**  
abdominal angiographic spectrum of tuberous sclerosis (ab), Compton, William R.; Lester, Patrick D.; Kyaw, Myo M.; Madsen, Jack A., 122: 282, 1977
- computer-assisted cranial tomography in early diagnosis of tuberous sclerosis (ab), Martin, Gilbert I.; Kaiserman, Donald; Liegler, Donald; Amorosi, Edward D.; Nadel, Harold, 122: 559, 1977
- ricketts associated with anticonvulsant therapy in children with tuberous sclerosis (ab), Addy, D. P., 125: 282, 1977
- Turner's syndrome**  
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- Uhl's anomaly**  
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- courses in ultrasound (Winston-Salem, N. C.), 124: 196, 1977
- diagnostic ultrasound: 1977 (Cambridge, Mass.), 122: 780, 1977
- Duke University Medical Center (Bermuda), 123: 424, 1977
- fundamentals of abdominal and pelvic ultrasonography. Saunders monographs in clinical radiology, vol. 6 (bk rev), Leopold, George R.; Asher, W. Michael. Reviewed by Cole-Beuglet, Catherine M., 122: 218, 1977
- fundamentals of medical ultrasonography (bk rev), Baum, Gilbert. Reviewed by Maklad, Nabil F., 122: 218, 1977
- Honolulu Medical Group, Inc. (Maui, Hawaii), 123: 424, 1977
- Johns Hopkins Medical Institution (Baltimore, Md.), 123: 440, 1977
- modeled study for diagnosis of small anechoic masses with ultrasound, Carson, Paul L.; Oughton, Thomas V., 122: 765, 1977
- pediatric and adolescent echocardiography course (3rd) (Tucson, Ariz.), 124: 196, 1977
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- principles of echocardiography (ab), Feigenbaum, Harvey, 125: 573, 1977
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- refresher course in ultrasound (Vancouver, B.C.), 124: 488, 1977
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- seminar in diagnostic ultrasound (Washington, D.C.), 122: 458, 1977
- Thomas Jefferson University: ultrasound programs (Philadelphia, Pa.), 124: 802, 1977
- tumour ultrasound '77 (Sutton, Surrey, U.K.), 123: 168, 1977
- ultrasonic evaluation of superficial masses (ab), Goldberg, Barry B., 123: 543, 1977
- ultrasound symposium (Buena Vista, Fla.), 123: 740, 1977
- Wake Forest University (Buena Vista, Fla.), 123: 434, 1977
- Yale educational summer ultrasound meeting (1st) (New Haven, Conn.), 124: 196, 1977
- Ultrasound, apparatus and equipment**  
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- gray-scale ultrasonography of the normal female pelvis, Sample, W. Frederick; Lippe, Barbara M.; Gyepes, Michael T., 125: 477, 1977
- modular computer system for the nuclear medicine/ultrasound laboratory, Noz, Marilyn E.; Schimpf, James H.; Maguire, Jr., Gerald Q., 124: 759, 1977
- performance survey of ultrasound instrumentation and feasibility of routine monitoring, Christensen, Steven L.; Carson, Paul L., 122: 449, 1977
- pulsed Doppler studies in B-mode ultrasound scanning, Yeh, En-Lin; Meade, Robert C., 122: 521, 1977
- Ultrasound, blood flow**  
thromboembolic complications of angiography for peripheral arterial disease: prospective assessment by Doppler ultrasound, Barnes, Robert W.; Slaymaker, Earlene E.; Hahn, Francis J. Y., 122: 459, 1977
- Ultrasound, Doppler studies**  
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- thromboembolic complications of angiography for peripheral arterial disease: prospective assessment by Doppler ultrasound, Barnes, Robert W.; Slaymaker, Earlene E.; Hahn, Francis J. Y., 122: 459, 1977
- Ultrasound, indications**  
accuracy of retroperitoneal ultrasonography in Hodgkin's disease and non-Hodgkin's lymphoma, Brascho, Donn J.; Durant, John R.; Green, Lawrence E., 125: 485, 1977
- ultrasonography and computed tomography in diagnosis of homogeneous masses, Yeh, Hsu-Chong; Wolf, Bernard S., 123: 425, 1977
- ultrasonography in ascites, Yeh, Hsu-Chong; Wolf, Bernard S., 124: 783, 1977
- Ultrasound, pediatric**  
ultrasonic diagnosis in pediatrics: state of the art of ultrasonic diagnosis in pediatrics today, part I (ab), Hunig, R., 123: 831, 1977
- Ultrasound, technique**  
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- gray scale ultrasound and isotope scanning: complementary techniques for imaging the liver (AJR), Taylor, Kenneth J. W.; Sullivan, D.; Rosenfield, Arthur T.; Gottschalk, A., 128: 277, 1977
- new technique for the evaluation of the adrenal gland with gray scale ultrasonography, Sample, W. Frederick, 124: 463, 1977
- techniques for improved delineation of normal



- anatomy of the upper abdomen and high retroperitoneum with gray-scale ultrasound, Sample, W. Frederick, 124: 197, 1977
- Uremia**  
early radiographic manifestations of secondary hyperparathyroidism associated with chronic renal disease, Jensen, Pamela S.; Kliger, Alan S., 125: 645, 1977  
radiological/pathological correlations in uremic bone disease, Debnam, James W.; Bates, Margaret L.; Kopelman, Robert C.; Teitelbaum, Steven L., 125: 653, 1977
- Ureters**  
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retroperitoneal fibrosis and inapparent obstructive uropathy, Lalli, Anthony F., 122: 339, 1977
- Ureters, abnormalities**  
evaluation of the physiological function of the ureter by fluoroscopy in bilharziasis, Umerah, Ben C., 124: 645, 1977  
single ectopic ureter (AJR), Prewitt, Jr., Leland H.; Lebowitz, Robert L., 127: 941, 1976
- Ureters, dilatation**  
evaluation of the physiological function of the ureter by fluoroscopy in bilharziasis, Umerah, Ben C., 124: 645, 1977  
ureteroceles vs. pseudoureteroceles in adults: urographic diagnosis, Thornbury, John R.; Silver, Terry M.; Vinson, Robert K., 122: 81, 1977
- Ureters, displacement**  
asymmetry of the pelvic ureters in normal females (AJR), Kabakian, Hrayr A.; Armenian, Haroutune K.; Deeb, Ziad L.; Rizk, Ghassan K., 127: 723, 1976
- Ureters, diverticula**  
true diverticulum of the ureter in childhood (ab), Balzar, E.; Holt, G.; Lubeck, G.; Weissenbacher, G., 124: 281, 1977
- Ureters, effects of irradiation**  
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- Ureters, neoplasms**  
peripelvic extravasation, urinoma formation and tumor obstruction of the ureter (ab), Twersky, Jack; Twersky, Naomi; Phillips, Gail; Coppersmith, Harvey, 122: 566, 1977  
ureterocele and pseudoureterocele: cobra versus cancer (ab), Mitty, Harold A.; Schapira, Hans E., 125: 284, 1977
- Ureters, obstruction**  
hyperreninemic hypertension in infant secondary to pelviureteric obstruction treated successfully by surgery (ab), Carella, Joseph A.; Silber, L., 123: 828, 1977  
peripelvic extravasation, urinoma formation and tumor obstruction of the ureter (ab), Twersky, Jack; Twersky, Naomi; Phillips, Gail; Coppersmith, Harvey, 122: 566, 1977  
ureterocele vs. pseudoureterocele in adults: urographic diagnosis, Thornbury, John R.; Silver, Terry M.; Vinson, Robert K., 122: 81, 1977  
urinary tract obstruction in polycystic renal disease, Barbaric, Zoran L.; Spataro, Robert F.; Segal, Arthur J., 125: 627, 1977  
visualization of the medullary rays on excretory urography in experimental ureteric obstruction (AJR), Bigongiari, Lawrence R.; Davis, Ronald M.; Novak, William G.; Wicks, Jeffrey D.; Kass, Evan; Thornbury, John R., 129: 89, 1977
- Ureters, reflux**  
absence of vesico-ureteral reflux in children with ureteral jets, Kuhns, Lawrence R.; Hernandez, Ramiro; Koff, Steve; Thornbury, John R.; Poznanski, Andrew K.; Holt, John F., 124: 185, 1977  
demonstration of vesicoureteral reflux under general anesthesia (ab), Woodard, John R.; Filardi, Gerald, 122: 859, 1977  
diagnosis and treatment of a urinary leak after ureterileal conduit for diversion (ab), Hensle, Terry W.; Bredin, Hugh C.; Dretler, Stephen P., 122: 283, 1977  
diagnosis of urine extravasation after renal transplantation (AJR), Spigos, D. G.; Tan, W.; Pavel, D. G.; Mozes, M.; Jonasson, O.; Capek, V., 129: 409, 1977  
vesicoureteral reflux following transurethral resection of bladder tumors (ab), Freed, Selwyn Z., 122: 282, 1977
- Urethra**  
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- Urethra, abnormalities**  
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- Urethra, calculi**  
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- Urethra, diverticula**  
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- Urethra, obstruction**  
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- Urethra, radiography**  
double contrast urethrography for evaluation of abnormalities of the male urethra, Spackman, Thomas J., 124: 259, 1977  
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- Urethra, rupture**  
radiographic findings immediately after urethral rupture: experimental study and case reports (ab), Raney, Alex M., 122: 860, 1977
- Urethra, stricture**  
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- Urethra, ultrasound**  
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- Urinary tract**  
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- Urinary tract, abnormalities**  
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- Urinary tract, dilatation**  
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- Urinary tract, diseases**  
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symposium on urinary tract disease (Boston, Mass.), 123: 596, 1977
- Urinary tract, hemorrhage**  
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- Urinary tract, infection**  
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detection of urinary tract infections in 3- to 5-year-old girls by mothers using a nitrite indicator strip (ab), Kunin, Calvin M.; DeGroot, Jane E.; Uehling, David; Ramgopal, Vadakepat, 122: 282, 1977
- Urinary tract, neoplasms**  
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non-obstructive vesicoureteral reflux in adults: value of conservative treatment (ab), Senoh, Kohei; Iwatsubo, Eiji; Momose, Shunro; Goto, Masashi; Kodama, Hiromichi, 125: 284, 1977  
pelvocalyceal wall opacification—new radiological sign, Barbaric, Zoran L., 123: 587, 1977  
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- Urinary tract, obstruction**  
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- Urinary tract, radiography**  
absence of vesico-ureteral reflux in children with ureteral jets, Kuhns, Lawrence R.; Hernandez, Ramiro; Koff, Steve; Thornbury, John R.; Poznanski, Andrew K.; Holt, John F., 124: 185, 1977  
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Aspen urology seminar (7th) (New Orleans, La.), 124: 22, 1977
- Urine**  
hypercalciuria with nephrolithiasis: complication of total parenteral nutrition (ab), Adelman, Raymond D.; Abern, Steven B.; Merten, David; Halsted, Charles H., 125: 857, 1977
- Urine, extravasation**  
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asymptomatic bacteriuria in schoolgirls: VII. follow-up study of the urinary tract in treated and untreated schoolgirls with asymptomatic bacteriuria, Claesson, Ingemar; Lindberg, Ulf, 124: 179, 1977  
correlation between kidney parenchymal area and renal function in vesicoureteral reflux of different degrees (ab), Aperia, A.; Broberger, O.; Ekengren, K.; Ericsson, N. O.; Wikstad, I., 125: 284, 1977  
idiopathic urethro-ejaculatory reflux (ab), Stanfield, Bernard M.; Soderdahl, Douglas W.; Schamber, Dean T., 125: 857, 1977  
infection of the urinary tract after anti-reflux surgery (ab), Willscher, Max K.; Bauer, Stuart B.; Zammuto, Peter J.; Retik, Alan B., 124: 280, 1977  
long-term effects of urinary tract infections: need for a controlled trial (opin), Friedland, Gerald W., 124: 263, 1977  
non-obstructive vesicoureteral reflux in adults: value of conservative treatment (ab), Senoh, Kohei; Iwatsubo, Eiji; Momose, Shunro; Goto, Masashi; Kodama, Hiromichi, 125: 284, 1977  
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- Urinoma**  
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- Katzberg, Richard W.; Schabel, Stephen I., 124: 280, 1977
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- Urography, apparatus and equipment**  
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- Urography, complications**  
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- bilateral parotid enlargement ("iodide mumps") following excretory urography, Kohri, Kenjiro; Miyoshi, Susumu; Nagahara, Atsushi; Ohtani, Michio, 122: 654, 1977
- evaluation of bronchospasm during excretory urography, Littner, Michael R.; Rosenfield, Arthur T.; Ulreich, Sidney; Putman, Charles E., 124: 17, 1977
- informed consent: dialogue (opin), Quimby, Jr., Charles W., 123: 805, 1977
- informed consent: medical decision (II) (opin), Allen, Robert W., 123: 807, 1977
- informed consent: some newer aspects and their relation to the specialty of radiology (opin), James, Jr., A. Everette; Johnson, Burton A.; Hall, Donald J., 123: 809, 1977
- rapid, simple method of delivering 1:10,000 epinephrine, Segal, Arthur J., 122: 838, 1977
- Urography, contrast media**  
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- double-blind comparison of meglumine iodamide and Renografin-60 for excretory urography (AJR), Gerzof, Stephen G.; Robbins, Alan H.; Unger, George; Zaki, Atef; Wickis, Elizabeth A., 128: 211, 1977
- evaluation of bronchospasm during excretory urography, Littner, Michael R.; Rosenfield, Arthur T.; Ulreich, Sidney; Putman, Charles E., 124: 17, 1977
- Urography, indications**  
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- inferior vena caval occlusion: characteristic radiographic changes on excretory urography and barium enema examination (AJR), Madayag, Manuel A.; Seliger, Gustav, 128: 39, 1977
- urography during pregnancy (ab), Rigby, M. R.; MacEwan, D. W., 124: 574, 1977
- value of urography following lymphography in malignant diseases (ab), Walker, T. M.; Davies, E. R.; Roylance, J., 124: 859, 1977
- Urography, technique**  
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- arterial phase of intravenous urography: initial results (ab), Cecile, J.-P.; Guaguiera, A.; Regnier, G.; Wallaert, C.; Haeneccour, F., 124: 280, 1977
- caudad angle view: helpful adjunct in excretory urography, Imray, Thomas J.; Terry, Daniel W.; Dodds, Wylie J., 122: 253, 1977
- caudad angle view of the kidneys in excretory urography (L), Hall, Ferris M., 125: 257, 1977
- comparison of fluoroscopically controlled patient positioning and conventional positioning, including comparative dosimetry, Leeming, Brian W. A.; Hames, Owen S.; Gould, Robert G.; Locke, Elizabeth, 124: 231, 1977
- criteria for examination of the urethra during excretory urography, Fitts, Jr., Frederick B.; Herbert, Steven G.; Mellins, Harry Z., 125: 47, 1977
- CT-guided antegrade pyelography and percutaneous nephrostomy (AJR), Haaga, John R.; Zelch, Margaret G.; Alfidi, Ralph J.; Stewart, Bruce H.; Daugherty, James D., 128: 621, 1977
- high dose urography: incidence and relationship to spontaneous peripelvic extravasation (AJR), Bernardino, Michael E.; McClellan, Bruce L., 127: 373, 1976
- renal cystography: diagnostic-therapeutic procedure (ab), Lochner, L.; Bartholoma, H.-J., 123: 255, 1977
- subtraction technique in intravenous aortography, Mikkelsen, William J.; Yim, Gary Y. S.; Bandrevics, Vidvuds; James, David R., 123: 231, 1977
- use of a vaginal tampon in the diagnosis of vesicovaginal fistulae, Wesolowski, David P.; Meaney, Thomas F., 122: 262, 1977
- value of arterial phase urography in the radiologic assessment of arterial hypertension (ab), Cecile, J.-P.; Guaguiera, A.; Wallaert, C., 124: 574, 1977
- value of compression during excretory voiding urethrography, Fitts, Jr., Frederick B.; Mascarello, Vincent G.; Mellins, Harry Z., 125: 53, 1977
- visualization of the medullary rays on excretory urography in experimental ureteric obstruction (AJR), Bigongiari, Lawrence R.; Davis, Ronald M.; Novak, William G.; Wicks, Jeffrey D.; Kass, Evan; Thornbury, John R., 129: 89, 1977
- Uterine neoplasms**  
cancer of the cervix uteri: epidermiological survey (ab), Deeley, T. J., 122: 281, 1977
- cytochemical and immunologic evaluation of women treated for squamous cell carcinoma of the cervix (AJR), Olkowski, Z. L.; McClaren, John R.; Wilkins, S. A.; Maruszczak, A. J.; Maruszczak, D.; Kirchner, Arthur B., 128: 839, 1977
- estrogen therapy: causal role in endometrial cancer? (AJR), Rutledge, Felix N., 127: 897, 1976
- nonmalignant venographic abnormalities of the inferior vena cava, Lien, Hans H.; Kolbenstedt, Alf, 122: 105, 1977
- Uterine neoplasms, diagnosis**  
gonadoblastoma: ovarian tumor with characteristic pelvic calcifications (AJR), Seymour, E. Q.; Hood, John B.; Underwood, Jr., Paul B.; Williamson, H. Oliver, 127: 1001, 1976
- total body opacification in pelvic and abdominal masses (ab), Ramirez, Ignacio Hernandez; Santillan, Juan Escobedo, 122: 859, 1977
- Uterine neoplasms, metastases**  
pulmonary metastases from benign-appearing smooth muscle tumors of the uterus (AJR), Bachman, Donald; Wolff, Marianne, 127: 441, 1976
- Uterine neoplasms, radionuclide diagnosis**  
concentration of  $^{99m}\text{Tc}$ -pyrophosphate in a benign leiomyoma of the uterus (ab), Manoli, Rajeshri S.; Soin, Jagmeet S., 125: 288, 1977
- place of  $^{57}\text{Co}$ -bleomycin scanning in the evaluation of tumors (AJR), Kahn, Paul C.; Milunsky, Cyril; Dewanjee, Mrinal K.; Rudders, Richard A., 125: 267, 1977
- Uterine neoplasms, staging**  
evaluation of procedures used in staging carcinoma of the cervix (AJR), Griffin, Thomas W.; Parker, Robert G.; Taylor, Willis J., 127: 825, 1976
- factors affecting survival in over 500 patients with stage II carcinoma of the cervix, Thomson, James M.; Spratt, Jr., John S., 123: 181, 1977
- Uterine neoplasms, therapeutic radiology**  
carcinoembryonic antigen in patients treated with radiation therapy for invasive squamous cell carcinoma of the uterine cervix (AJR), Donaldson, E.; Van Nagell, Jr., J. R.; Wood, E. G.; Pletsch, Q.; Goldenberg, D. M., 127: 829, 1976
- combined irradiation and extensive operations in the treatment of stages I and II carcinoma of the cervix uteri (ab), Weed, John C.; Holland, John B., 125: 861, 1977
- hyperbaric oxygen as a radiotherapeutic adjuvant in advanced cancer of the uterine cervix: preliminary results of a randomized trial (ab), Fletcher, Gilbert H.; Lindberg, Robert D.; Caderao, Jess B.; Wharton, J. Taylor, 124: 578, 1977
- improved cervical radium applicator, Ridings, G. Ray, 125: 824, 1977
- management of stage III carcinoma of endometrium (ab), Antoniadis, John; Brady, Luther W.; Lewis, George C., 123: 834, 1977
- method for localizing and calculating vaginal dose in brachytherapy, Maruyama, Yosh; Van Nagell, John R.; Martin, Ann; Coffey, II, Charles; Schroeder, Kathy; Tai, Douglas; Yoneda, Justine; Krokiewicz, Helena, 124: 507, 1977
- parametrial calcification in cervical carcinoma patients treated with radioactive gold (AJR), Deeths, Tony M.; Stanley, Robert J., 127: 511, 1976
- preirradiation celiotomy and extended field irradiation for invasive carcinoma of the cervix (ab), Wharton, J. Taylor; Jones, III, Howard W.; Day, Jr., Thomas G.; Rutledge, Felix N.; Fletcher, Gilbert H., 124: 284, 1977
- treatment of early cancer of the corpus uteri (ab), Joslin, C. A.; Vaishampayan, G. V.; Mallik, A., 124: 863, 1977
- Uterine neoplasms, ultrasound diagnosis**  
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- Uterus**  
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- Uterus, hydatidiform mole**  
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- Uterus, ultrasound**  
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- ultrasonography as an aid in the diagnosis and management of surgical diseases of the pelvis: special emphasis on the genitourinary system (ab), Boyce, William H.; McKinney, William M.; Hensnick, Martin L.; Willard, James W., 125: 860, 1977
- Vagina**  
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- use of a vaginal tampon in the diagnosis of vesicovaginal fistulae, Wesolowski, David P.; Meaney, Thomas F., 122: 262, 1977
- Vagina, hemorrhage**  
therapeutic embolization for intractable chronic bleeding, Higgins, Charles B.; Bookstein, Joseph J.; Davis, Gary B.; Galloway, Dan C.; Barr, John W., 122: 473, 1977
- Valsalva maneuver**  
echocardiographic evaluation of Valsalva maneuver in healthy subjects and patients with and without heart failure (ab), Parisi, Alfred F.; Harrington, James J.; Oskanazi, Joseph; Pratt, Richard C.; McIntyre, Kevin M., 123: 832, 1977
- effect of the Valsalva maneuver on echocardiographic dimensions in man (ab), Robertson, David; Stevens, Rose Marie; Friesinger, Gottlieb C.; Oates, John A., 125: 287, 1977
- Van Buchem's disease**  
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- Varicocele**  
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- Varicose veins**  
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- Vasoconstriction**  
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- Vasodilatation**  
See Vasomotor system, effects of drugs on
- Vasomotor system, effects of drugs on**  
comparison of a vasoconstrictor and a vasodilator in pharmacangiography of bone and soft-tissue tumors, Ekelund, Leif; Laurin, Sven; Lunderquist, Anders, 122: 95, 1977
- pharmacangiography in experimental tumours: evaluation of vasoactive drugs (ab), Ekelund, Leif; Gothlin, Jan; Jonsson, N.; Sjogren, H. O., 123: 537, 1977
- sodium nitroprusside in the treatment of ergotism, O'Dell, Jr., Charles W.; Davis, Gary B.; Johnson, Allen D.; Safdi, Michael A.; Brant-Zawadzki, Michael; Bookstein, Joseph J., 124: 73, 1977
- Vasopressin**  
advantage of intraarterial over intravenous vasopressin infusion in gastrointestinal hemorrhage (AJR), Davis, Gary B.; Bookstein, Joseph J.; Coel, Marc N., 128: 733, 1977
- angiographic methods for the control of gastric hemorrhage (ab), Athanasoulis, Christos A., 122: 280, 1977
- control of variceal bleeding by superior mesenteric artery vasopressin infusion (AJR), Kaufman, Stephen L.; Harrington, Donald P.; Barth, Klemens H.; Maddrey, Willis C.; White, Jr., Robert L., 128: 567, 1977
- effect of vasopressin on hepatic arterial blood

- flow, Simmons, J. Thayer; Baum, Stanley; Sheehan, Barbara A.; Ring, Ernest J.; Athanasoulis, Christos A.; Waltman, Arthur C.; Coggins, Peter C., 124: 637, 1977
- effects of vasopressin on radiation response of cultured mammalian cells, Kadir, Saadoun; Hetzel, Fred W.; Kolodny, Gerald M., 123: 771, 1977
- transcatheter embolization for treatment of diverticular hemorrhage, Goldberger, Lawrence E.; Bookstein, Joseph J., 122: 613, 1977
- vasopressin control of massive hemorrhage in chronic ulcerative colitis (AJR), Cavaluzzi, John A.; Kaufman, Stephen L.; White, Jr., Robert L., 127: 672, 1976
- Veins**  
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- Veins, azygos**  
azygography in pre-treatment evaluation of oesophageal carcinoma (ab), Carlyle, Dennis R.; Goldstein, Harvey M.; Wallace, Sidney; Medellin, H.; Ventemiglia, R. A., 123: 824, 1977
- dilatation of azygos vein simulating mediastinal tumour (ab), Batistich, A. T., 125: 853, 1977
- Veins, epidural**  
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- Veins, Galen**  
arteriovenous malformation of the vein of Galen: treatment in a neonate (ab), Watson, David G.; Smith, Robert R.; Brann, Jr., Alfred W., 122: 560, 1977
- Veins, hepatic**  
angiographic abnormalities in partial Budd-Chiari syndrome, Maguire, Roderick; Doppman, John L., 122: 629, 1977
- angiographic demonstration of growth of hepatocellular carcinoma in the hepatic vein and inferior vena cava, Okuda, Kunio; Jinnouchi, Shigenobu; Nagasaki, Yashikazu; Kuwahara, Seido; Kaneko, Toshioki; Kubo, Yasuhiko; Shimokawa, Yutaka, 124: 33, 1977
- angiographic demonstration of growth of hepatocellular carcinoma in the hepatic vein and inferior vena cava, Nakajima, Yukio; Takashi, Motohide; Musha, Hirotaka; Kudo, Takahiro; Sakamoto, Kazuyoshi; Kojiro, Masamichi; Nakashima, Toshiro, 124: 0033, 1977
- anomalies of intrahepatic portal venous system in congenital hepatic fibrosis, Odievre, M.; Chaumont, P.; Montagne, J. Ph.; Alagille, D., 122: 427, 1977
- hepatic vein phlebography: review of 250 cases (ab), Le Cudonnet, B.; Bigot, J. M., 124: 567, 1977
- Veins, jugular**  
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- Veins, ophthalmic**  
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- Veins, pericardiophrenic**  
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- Veins, pontomesencephalic**  
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- Veins, portal**  
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- Veins, pulmonary**  
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- diagnosis of cor triatriatum by echocardiography, Kelley, Michael J.; Glanz, Sidney; Hellenbrand, William E.; Taunt, Kathleen A.; Berman, Michael A., 123: 159, 1977
- Fibrous mediastinitis: late manifestation of mediastinal histoplasmosis, Wieder, Sheldon; Rabinowitz, Jack G., 125: 305, 1977
- further observations on pulmonary venous varix (AJR), Twersky, Jack; Levin, David C.; Twersky, Naomi; Gordon, David H., 127: 435, 1976
- pulmonary vein avulsion (AJR), Gouliamos, Athanasios D.; Johnsrude, Irwin S.; Jackson, Donald C., 129: 331, 1977
- pulmonary venoocclusive disease: case report and review of the literature (AJR), Shackelford, Gary D.; Sacks, Edmond J.; Mullins, James D.; McAlister, William H., 128: 643, 1977
- Veins, quadrigeminal**  
venous drainage of the tectum mesencephali: an anatomical angiographic study of the quadrigeminal veins (ab), Tamaki, N.; Taomoto, K.; Fujiwara, K.; Yamashita, H.; Matsumoto, S.; Takeda, H., 124: 270, 1977
- Veins, renal**  
anatomical variation of the renal veins with varicosity presenting as pseudotumor of the kidney (ab), Goswami, Anil P., 122: 860, 1977
- improved diagnostic accuracy of renal venous renin ratios with stimulation of renin release (ab), Melman, Arnold; Donohue, John P.; Weinberger, Myron H.; Grim, Clarence E., 123: 829, 1977
- parenchymal striations in renal vein thrombosis: arteriographic demonstration (AJR), Wicks, Jeffrey D.; Bigongiari, Lawrence R.; Foley, W. Dennis; Walter, Joseph F., 129: 95, 1977
- radiological manifestations of neonatal renal vein thrombosis on follow-up examinations, Sutton, Tudor J.; Leblanc, Antoine; Gauthier, Noelle; Hassan, Max, 122: 435, 1977
- renal venographic findings in 29 kidneys with fibromuscular dysplasia of the renal artery, Ekelund, Leif; Gerlock, A. James; Goncharenko, Victor; Francis, Robert, 125: 631, 1977
- Veins, splenic**  
CT demonstration of the splenic vein—pancreatic relationship: pseudodilated pancreatic duct (AJR), Seidemann, Frank E.; Cohen, William N.; Bryan, Patrick J.; Brown, Jerry, 129: 17, 1977
- duodenal varices in extrahepatic portal obstruction, Itzhak, Yacov; Glickman, Morton G., 124: 619, 1977
- use of prostaglandin E<sub>1</sub> for enhanced visualization of the splanchnic circulation, Jonsson, Kjell; Wallace, Sidney; Jacobson, Eugene D.; Anderson, James H.; Zornoza, Jesus; Granmayeh, Masood, 125: 373, 1977
- Venae cavae**  
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- radiographic isolation of the inferior vena cava (AJR), Tonkin, Ina L.; Keats, Theodore E.; Capp, M. Paul, 129: 657, 1977
- Venae cavae, abnormalities**  
total anomalous systemic venous drainage (ab), Viart, Pierre; Clerc, Jean-Louis; Primo, George; Polis, Oliver, 125: 567, 1977
- Venae cavae, compression**  
ultrasonic demonstration of inferior vena caval compression: guide to pancreatic head enlargement with emphasis on neoplasm, Walls, William J.; Templeton, Arch W., 123: 165, 1977
- Venae cavae, filters**  
vena cava filter using thermal shape memory alloy: experimental aspects, Simon, Morris; Kaplow, Roy; Salzman, Edwin; Freiman, David, 125: 89, 1977
- Venae cavae, ligation**  
hepatic emboli following inferior vena caval ligation: brief report, Park, Hee-Myung; Archer, Evangeline, 124: 177, 1977
- Venae cavae, neoplasms**  
angiographic demonstration of growth of hepatocellular carcinoma in the hepatic vein and inferior vena cava, Okuda, Kunio; Jinnouchi, Shigenobu; Nagasaki, Yashikazu; Kuwahara, Seido; Kaneko, Toshioki; Kubo, Yasuhiko; Shimokawa, Yutaka, 124: 33, 1977
- angiographic demonstration of growth of hepatocellular carcinoma in the hepatic vein and inferior vena cava, Nakajima, Yukio; Takashi, Motohide; Musha, Hirotaka; Kudo, Takahiro; Sakamoto, Kazuyoshi; Kojiro, Masamichi; Nakashima, Toshiro, 124: 0033, 1977
- angiographic diagnosis of leiomyosarcoma of the inferior vena cava, Tegtmeyer, Charles J.; Buschi, Anthony, 122: 683, 1977
- leiomyosarcoma of the inferior vena cava: diagnosis and surgical management (ab), Brewster, David C.; Athanasoulis, Christos A.; Darling, H. Clement, 124: 275, 1977
- Wilms' tumor: role of right heart angiography in the management of selected cases (ab), Schullinger, John N.; Santulli, Thomas V.; Casarella, William J.; MacMillan, Roger W., 125: 571, 1977
- Venae cavae, obstruction**  
angiographic diagnosis of leiomyosarcoma of the inferior vena cava, Tegtmeyer, Charles J.; Buschi, Anthony, 122: 683, 1977
- angiographic documentation of systemic-portal venous shunting as a cause of a liver scan "hot spot" in superior vena caval obstruction (AJR), Lee, Kyo Rak; Preston, David F.; Martin, Norman L.; Robinson, Ralph G., 122: 637, 1976
- inferior vena cava obstruction secondary to indwelling venous catheters: two cases (ab), Riggs, Thomas; Hirschfeld, Stephen; Borkat, Gordon; Liebman, Jerome, 122: 852, 1977
- intrathoracic goiter as a cause of superior vena cava obstruction (ab), Castaneda-Zuniga, W. R.; Amplatz, Kurt, 124: 567, 1977
- pear-shaped bladder, Ambros, Marjorie A.; Bosniak, Morton A.; Lefleur, Richard S.; Madayag, Manuel A., 122: 85, 1977
- response of superior vena cava syndrome to radiation therapy (ab), Davenport, David; Ferree, Carolyn; Blake, Damon; Raben, Milton, 123: 834, 1977
- Venae cavae, radiography**  
nonmalignant venographic abnormalities of the inferior vena cava, Lien, Hans H.; Kolbenstedt, Alf, 122: 105, 1977
- Venae cavae, stenosis**  
inferior vena caval occlusion: characteristic radiographic changes on excretory urography and barium enema examination (AJR), Madayag, Manuel A.; Seliger, Gustav, 128: 39, 1977
- Venae cavae, ultrasound studies**  
ultrasonic demonstration of inferior vena caval compression: guide to pancreatic head enlargement with emphasis on neoplasm, Walls, William J.; Templeton, Arch W., 123: 165, 1977
- Venography**  
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- abdominal visceral venography (ab), Viamonte, Jr., Manuel, 122: 284, 1977
- epidural venography in the diagnosis of lumbar disc disease (ab), Kistler, M. W.; Pribram, Henry W., 122: 566, 1977
- hepatic occlusion venography with a balloon catheter in portal hypertension, Novak, Dragutin; Buettow, Gerd Henning; Becker, Klaus, 122: 623, 1977
- impedance plethysmography: correlation with contrast venography, Benedict, Jr., Karl T.; Wheeler, H. Brownell; Patwardhan, Nilima A., 125: 695, 1977
- thrombosis detection by ultrasound, plethysmography, and phlebography (SNM), Strandness, Jr., D. E., 12: 213, 1977
- Venography, apparatus and equipment**  
hepatic occlusion venography with a balloon catheter in patients with end-to-side portacaval shunts (AJR), Novak, Dragutin; Buettow, Gerd Henning; Becker, Klaus, 127: 949, 1976
- Venography, complications**  
skin necrosis following extravasation during peripheral phlebography, Spigos, D. G.; Thane, T. T.; Capek, V., 123: 605, 1977
- Venography, indications**  
adrenal venography in patients with suspected endocrine hypertension (ab), Weissleder, H.; Abdelhamid, S.; Kiefer, H.; Schmarsow, R., 122: 283, 1977
- angiographic abnormalities in partial Budd-Chiari syndrome, Maguire, Roderick; Doppman, John L., 122: 629, 1977
- Doppler ultrasonic screening prior to venography for deep venous thrombosis (AJR), Jaques, Paul F.; Richey, William A.; Ely, Cindy A.; Johnson, Jr., George, 129: 451, 1977
- hepatic vein phlebography: review of 250 cases (ab), Le Cudonnet, B.; Bigot, J. M., 124: 567, 1977
- potential of vertebral phlebography for a diagnosis of tumors in the posterior cranial fossa (ab), Lehmann, R., 125: 849, 1977
- renal phlebography: aid in the diagnosis of the absent or non-functioning kidney (ab), Braedel, H. U.; Schindler, E.; Moeller, J. F.; Polsky, M. Sheldon, 123: 256, 1977
- Venography, radionuclide**  
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- scanning (ab), Vlahos, L.; MacDonald, A. F.; Causer, D. A., 124: 286, 1977
- hepatic emboli following inferior vena caval ligation: brief report, Park, Hee-Myung; Archer, Evangeline, 124: 177, 1977
- radionuclide venography by antegrade and retrograde whole body gamma camera imaging methods (ab), Hayt, David B.; Blatt, Charles J.; Reddy, Kakulavaram; Patel, Harshad; Freeman, Leonard M., 124: 287, 1977
- radionuclide venography in the diagnosis of deep vein thrombosis, Ennis, Joseph T.; Elmes, Roger J., 125: 441, 1977
- radionuclide venography: its place as a modality for the investigation of thromboembolic phenomena (SNM), Hayt, David B.; Blatt, Charles J.; Freeman, Leonard M., 12: 263, 1977
- radionuclide venography: significance of delayed washout; visualization of the saphenous system (ab), Ryo, U. Yun; Colombetti, Lelio G.; Polin, Stanton G.; Pinsky, Steven M., 124: 286, 1977
- Venography, technique**
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- bilateral venography of the lower extremities, Rampton, Jack B.; Armstrong, Jr., John D., 123: 802, 1977
- catheter venography in the superior vena cava syndrome (AJR), Webb, W. Richard; Gamsu, Gordon; Rohlfing, Barbara M., 129: 146, 1977
- continuous injection supine phlebography (ab), O'Dell, Jr., Charles W.; Coel, Mary N., 123: 537, 1977
- hepatic occlusion venography with a balloon catheter in patients with end-to-side portacaval shunts (AJR), Novak, Dragutin; Butzow, Gerd Henning; Becker, Klaus, 127: 949, 1976
- hepatic venography and wedge hepatic vein pressure measurements in diffuse liver disease (AJR), Cavaluzzi, John A.; Sheff, Robert; Harrington, Donald P.; Kaufman, Stephen L.; Barth, Klemens H.; Maddrey, Willis C.; White, Jr., Robert L., 129: 441, 1977
- investigation of different injection techniques in sclerotherapy of varicose veins by minidose and differential pressure phlebography (ab), Orbach, Egmont J.; Root, Howard F.; McCune, Robert F., 123: 823, 1977
- leg phlebography: incidence, nature and modification of undesirable side effects, Bettmann, Michael A.; Paulin, Sven, 122: 101, 1977
- lumbar phlebography by catheterization of the lateral sacral and ascending lumbar veins with abdominal compression (ab), Theron, J.; Houtteville, J. P.; Ammerich, H.; de Souza, A. Alves; Adam, H.; Thurel, Cl.; Rey, A.; Houdart, R., 124: 278, 1977
- new technique for pelvic venography during ascending phlebography, Kim, Sin; Han, Sang Y., 124: 523, 1977
- testicular venography for undescended testes (AJR), Glickman, Morton G.; Weiss, Robert M.; Itzhak, Yacov, 129: 67, 1977
- testicular venography in the nonpalpable testis (AJR), Diamond, Arthur B.; Meng, Chien-Hsing; Kodroff, Michael; Goldman, Stanford M., 129: 71, 1977
- transfrontal cavernous sinus venography: simple method of selective superficial venous compression, Haughton, Victor M.; Rosenbaum, Arthur E., 124: 514, 1977
- Ventricles**
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- Ventricular septal defect**
- angiocardiology of obstructing muscular hands of the right ventricle (AJR), Fellows, Kenneth E.; Martin, Eric C.; Rosenthal, Amnon, 128: 249, 1977
- aortic regurgitation associated with ventricular septal defect: echocardiographic and hemodynamic observations (ab), Mehta, Jawahar; Wang, Yang; Lawrence, Cheryl; Cohn, Jay N., 125: 859, 1977
- echocardiographic assessment of left-to-right shunt volume in children with ventricular septal defect (ab), Lewis, Alan B.; Takahashi, Masato, 122: 569, 1977
- echocardiographic detection of bacterial vegetations in a child with a ventricular septal defect (ab), Aziz, Kalim U.; Newfeld, Edgar A.; Paul, Milton H., 123: 259, 1977
- interrupted aortic arch in infancy (ab), Collins-Nakai, Ruth L.; Dick, Macdonald; Parisi-Buckley, Lucy; Fyler, Donald C.; Castaneda, Aldo, 123: 823, 1977
- reversibility of chronic obstructive lung disease in infants following repair of ventricular septal defect (ab), Hordof, Allan J.; Mellins, Robert B.; Gersony, Welton M.; Steeg, Carl N., 125: 566, 1977
- supracristal ventricular septal defects: spectrum of associated lesions and complications (AJR), Jaffe, Richard B.; Scherer, James L., 128: 629, 1977
- syndrome of intrahepatic biliary dysgenesis and cardiovascular malformations (ab), Greenwood, Ronald D.; Rosenthal, Amnon; Crocker, Allen C.; Nadas, Alexander S., 122: 861, 1977
- ventricular septal defect complicating acute myocardial infarction: echocardiographic demonstration confirmed by angiocardiology and surgery (ab), Kerin, Nicholas Z.; Edelstein, Josef; DeRue, Robert G., 122: 862, 1977
- Ventriculography**
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- Vertebral arteries**
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- Vertebral arteries, aneurysm**
- bilateral extracranial vertebral artery aneurysms (AJR), Jewel, Kenneth L., 128: 324, 1977
- Veterinary radiology**
- application of the radiological sciences to advance clinical and fundamental knowledge of the animal kingdom: new horizons for radiologists lecture, James, Jr., A. Everette, 124: 581, 1977
- Vipoma**
- angiographic demonstration of a pancreatic "vipoma" in the WDHA syndrome (AJR), Lea Thomas, M.; Lamb, G. H. R.; Barraclough, M. A., 127: 1037, 1976
- Vision**
- palinopsia (ab), Meadows, J. C.; Munro, S. S. F., 125: 851, 1977
- Vitamins**
- adult-onset vitamin D-resistant hypophosphotemic osteomalacia: possible variant of vitamin D-resistant rickets (ab), Frymoyer, John W.; Hodgkin, William, 124: 572, 1977
- vitamin D: discovery of its metabolites and their therapeutic applications (ab), Beale, Mary G.; Chan, James C. M.; Oldham, Susan B.; DeLuca, Hector F., 122: 284, 1977
- Vocal cords, paralysis**
- vocal cord paralysis: radiologic observations in 21 infants and young children (AJR), Williams, Jonathan L.; Capitanio, Marie A.; Turtz, Myles G., 128: 649, 1977
- Von Recklinghausen's disease**
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- Warts, therapeutic radiology**
- superficial radiotherapy of warts: results of treating 531 warts, Macht, Stanley H.; Cordero, Jose M., 122: 231, 1977
- Weber-Osler-Rendu syndrome**
- See Telangiectasia
- Weiss-Mallory syndrome**
- See Esophagus, cardioesophageal junction
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- Wolff-Parkinson-White syndrome**
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- Wrist**
- arthrography of the fingers and wrist in rheumatic inflammatory conditions (ab), Glogowski, A.; Laval-Jeantet, M.; Stora, P., 124: 857, 1977
- radiographic measurements on the radio-carpal joint in distal radial fractures (ab), Friberg, S.; Lundstrom, B., 124: 858, 1977
- Xanthoma**
- radiographic findings in Wolman's disease, Harrison, R. Brent; Francke, Jr., Paul, 124: 188, 1977
- roentgen manifestations of fibroxanthosarcoma (ab), Burgener, Francis A.; Landman, S., 122: 860, 1977
- Xeromammography**
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- Xeroradiography**
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- dose reduction in xeroradiography of the breast (AJR), Van de Riet, William G.; Wolfe, John N., 128: 821, 1977
- new radiological technique in evaluation of prosthetic fitting, Jing, Bao-Shan; Villanueva, Raul; Dodd, Gerald D., 122: 534, 1977
- thermography, mammography, and clinical examination in breast cancer screening: review of 16,000 studies, Feig, Stephen A.; Shaber, Gary S.; Schwartz, Gordon F.; Libshitz, Herman I.; Edeiken, Jack; Nerlinger, Rudolph; Curley, Robert F.; Wallace, John D.; Patchefsky, Arthur S., 122: 123, 1977
- xeroradiographic studies in 150 patients with solitary scintigraphically nonfunctioning nodules of the thyroid gland, Reichelt, Heribert G.; Brase, Alfons; Hundeshagen, Heinz; S. Stender, Hans, 125: 689, 1977
- Xeroradiography, technique**
- negative-mode soft-tissue xeroradiography, Osterman, Jr., Floyd A.; Zeman, Gary H.; Rao, Gopala U. V.; Gayler, Bob; Kirk, Barbara G.; James, Jr., A. Everette, 124: 689, 1977
- single view negative mode xeromammography: approach to reduce radiation exposure in breast cancer screening, Buchanan, Jerry B.; Jager, Rama M., 123: 63, 1977
- technique and additional applications of xeroradiography (ab), Schertel, L.; Winkle, K. Zum; Lochmann, U., 122: 851, 1977
- X-rays**
- See Diagnostic radiology; Dosimetry; Radiations; Radiography; Therapeutic radiology; under names of diseases, organs and regions
- Yersinia ileitis**
- See Intestines, diseases
- Zygoma, fracture**
- anatomic, clinical, surgical, and radiographic correlation of the zygomatic complex fracture (AJR), Gerlock, Amil James; Sinn, Douglas P., 128: 235, 1977







